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# WOODRUFF & SONS



*New*  
*Early Yellow Globe*  
*Onion*

MILFORD, CONN.

# PLEASE READ BEFORE ORDERING



In presenting our 1931 catalog, we wish to have our customers understand that due allowance must always be made for weather and soil conditions. This applies to maturity dates, germination, and the quality of the crop. We take every precaution possible to have our seeds pure and reliable, testing them by the most approved and modern methods, nor will we knowingly allow any inferior seed to leave our warehouse. In spite of this, failures will occur, and we respectfully suggest that in the great majority of cases the fault does not lie with the seed, but rather with some cause beyond the control of ourselves. Therefore, we wish it clearly understood that we sell our seeds under the following non-warranty:

**WE GIVE NO WARRANTY**, express or implied, as to the description, quality, productiveness or any other matter of any seeds, plants, bulbs, roots, shrubs or trees we sell, and we will not be in any way responsible for the crop. Purity and germination, when given, are the results of our tests and are not guaranteed.

**ORDER EARLY!** Our rush comes in March and April. By ordering early, you will receive better service from full stocks.

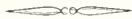
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**TERMS:** Net cash with order. Remit preferably by post office or express money order, payable to E. H. WOODRUFF & SONS.

Please do not expect us to pay postage on heavy seeds or such items as onion sets, potatoes, and other heavy matter. Include postage with your order if you wish it sent by mail, as we will otherwise ship by express or freight.

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# F. H. WOODRUFF & SONS

Growers of Fine Seeds

MILFORD

CONNECTICUT

## Growing Stations And Branches In—

ILLINOIS  
WYOMINGCALIFORNIA  
WASHINGTONIDAHO  
TEXASVERMONT  
MAINE

---

## ARTICHOKE

**Culture** An ounce will produce 300 plants. Seed may be sowed indoors and transplanted outdoors after danger of frost is past, rows 3 feet apart and 3 feet in the row. If sowed out of doors in May, and properly protected from cold during the winter, the plants will produce heads the following year.

**GREENGLOBE** A perennial plant, grown for its flower-heads. To be cooked like asparagus. The heads are large, the scales thick and heavy. Pkt., 10c; oz., 50c; 1-4 lb., \$1.75; lb., \$6.00.



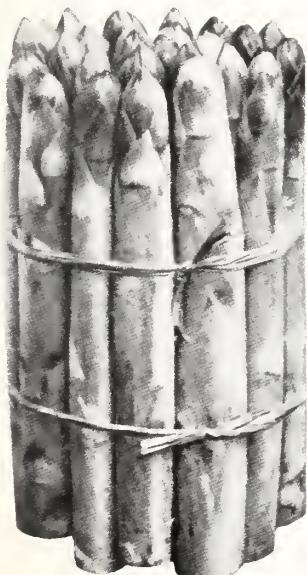
Green Globe Artichoke

## ASPARAGUS SEED

**Culture** An ounce will produce about 750 plants, or 50 feet of drill. Sow in spring or autumn in rows 2 to 5 feet apart. Cultivate well. When one year old transplant to permanent bed, setting the plants as described below for asparagus roots.

**CONOVER'S COLOSSAL** A large green variety, tender, of fine quality. Often tinged with purple at the tip. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 90c.

**PALMETTO** The old standard variety. An early prolific variety, producing thick tender stalks of fine quality. Dark green color. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 90c.



Asparagus

**MARTHA WASHINGTON** A variety developed by the U.S. Dept. of Agriculture with the object of eliminating rust. The tips are tight and firm. It has a tendency to grow slightly crooked, but is remarkably free from rust. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.50.

**MARY WASHINGTON** An improved strain developed by the U.S. Dept. of Agriculture, and probably the most nearly rust-resistant sort known. It is earlier, larger and longer than the other Washington strains, producing a tight tip that does not open out until well above ground. This quality makes it keep better and consequently makes it very desirable. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.50.

## ASPARAGUS ROOTS

**Culture** The soil for asparagus must be well drained. Dig trenches about 15 inches deep and 3 feet apart, using plenty of good manure. Set the roots about 18 inches apart, spreading them well. Cover to a depth of about 2 inches, adding more soil until the trenches are entirely filled by the end of the season. A light cutting, if any, should be made the next spring.

**CONOVER'S COLOSSAL and PALMETTO** Per 100 roots, \$1.25; per 1000 roots, \$10.00.

**MARTHA WASHINGTON and MARY WASHINGTON** Per 100 roots, \$1.50; per 1000 roots, \$12.00.

# BEANS

## DWARF GREEN PODDED SORTS

**Culture.** Beans may be planted any time from May 1st to August 1st. They do not require very fertile soil, thriving well on light loam. Sow 1 pound to 100 feet of drill, or 60 pounds per acre. Rows may be from 18 inches to 2 feet apart, the beans 2 to 3 inches apart and 1 to 2 inches deep. A succession of plantings every two weeks will provide a constant supply of fresh beans for the table. Beans weigh 60 pounds per bushel.



French Horticultural

**FULL MEASURE** A round podded sort, bearing a heavy crop of long, straight, tender, stringless pods, about 5 inches long. The seed is brown, mottled with yellow. Matures in about 45 days. This is one of the best green podded beans on the market, and deserves to be better known. We do not hesitate to recommend it. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**EXTRA EARLY REFUGEE** The earliest of the Refugee group. The seed is purple. Pods are round and straight and of fine flavor, but not stringless. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**GIANT STRINGLESS GREEN POD** Round podded and stringless. A very productive variety with long pods, measuring 6 to 7 inches. Ready for market in about 45 days. The quality is excellent. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**LONGFELLOW** The pods are nearly stringless, round, over 7 inches in length and of very fine quality. Ready to eat in 45 to 48 days. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**LOWE'S CHAMPION** A fine bean for either shell or snap use, and a favorite in New England. The pods are long, meaty and wide of irregular shape, and practically stringless. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**BLACK VALENTINE** This is a very heavy yielding, round podded bean. The pods are long and straight, though they are inclined to become stringy with age. A great favorite when an early bean is needed, as they mature in about six weeks, and are very resistant to blight and frost. Lb., 25c; 15 lbs., \$3.00; 60 lbs., \$10.00.

**BOUNTIFUL** The most popular green podded bean among market gardeners. The pods are long, flat, slightly curved and absolutely stringless. Bountiful is an early variety, maturing in about 45 days. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**BURPEE'S STRINGLESS GREEN POD** An early round podded sort. The pods are fleshy, stringless, and nearly straight. This is a heavy yielder and of fine quality. Matures in about 45 days. The seed is brown. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**EARLY RED VALENTINE** A very early variety, maturing in from 40 to 45 days. The seed is crimson, splashed with white. The pods are meaty, round, fairly straight, and of fine flavor. Lb., 25c; 15 lbs., \$3.00; 60 lbs., \$10.00.

**EARLY SIX WEEKS** In all respects similar to Bountiful, except that the pod is not stringless. Matures in about six weeks, as the name would indicate. The seed is yellow. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**REFUGEE 1000-1** An excellent main crop bean, bearing a heavy crop of round straight pods, which become stringy with age. This is a late variety, maturing in about 65 days from planting. This sort much used by both market gardeners and canners. Lb., 25c; 15 lbs., \$3.00; 60 lbs., \$11.00.

**STRINGLESS REFUGEE GREEN POD** This variety has the yielding qualities of Refugee 1000-1, but has an absolutely stringless pod. This bean is a great favorite with canners. Not an early variety, as it requires about 60 to 65 days to mature. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**TENNESSEE GREEN POD** A very early bean, maturing in about 42 days. The pods are long (about 6 inches), flat and irregular in shape, dark green and of fine flavor. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**FRENCH HORTICULTURAL** The flat, highly colored pods are about 7 inches long, and free from rust and blight. This is a bush bean, but is inclined to produce some runners. About 60 days to maturity. Lb., 35c; 15 lbs., \$4.00; 60 lbs., \$15.00.

**DWARF HORTICULTURAL** About 10 days earlier than French Horticultural, and bearing less highly colored pods. This and French Horticultural may both be used either as snap or shell beans. Dwarf Horticultural is stringless and of good quality. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.



Field of Bountiful Beans Growing on Our Seed Breeding Ranch at Basin, Wyoming

### DWARF WAX PODDED SORTS



Sure Crop Wax Beans

**SURE CROP WAX** Quality has made this one of the most popular of all wax podded beans, and it is used to the exclusion of all others in many bean growing sections. We have devoted much time and effort to making our stock true and pure, and grow the seed on our own ranch in Wyoming, as we do many other varieties. Sure Crop is quite similar to Currie's Rust Proof, but is absolutely stringless in character. The fine showy yellow pods are long and flat. The average length is from 6 to 7 inches, and the pods are  $\frac{1}{2}$  inch wide. The eating quality is perfect, and the yield is exceptionally high. The variety is also disease-resisting. Matures in about 45 days. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**UNRIVALLED WAX** A new variety of great merit. The pods are long and rather narrow, generally straight, though sometimes slightly curved. They are inclined to be of the fleshy type, semi-flat, and showing a slight trace of string. The quality is excellent, and the plant almost completely disease-resistant. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

## BEANS

## DWARF WAX PODDED SORTS CONTINUED



**IMPROVED KIDNEY WAX** Long, semi-round pods, slightly curved. The quality is of the best, and the pods are without strings. Not an early bean, as it requires about 50 days to mature for picking. This is one of the finest and heaviest yielding wax podded bean we have ever sold. We have seen 59 good pods on one vine. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**BOUNTIFUL WAX** An entirely stringless variety, with long, flat handsome pods. A good yielder, and one of the best wax sorts. Matures in about 45 days. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**CURRIE'S RUST PROOF WAX** While not a stringless sort, this bean produces an abundance of long, oval shaped pods, from 5 to 6 inches in length. A very hardy variety, maturing in about 40 days. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**DAVIS WHITE WAX** Seed is white and kidney shaped also called Davis Kidney Wax. Maturing in about 40 days, it bears oval shaped pods which are excellent when young. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**HODSON WAX** A very fine late sort, maturing in about 50 days, and very hardy. The long fleshy pods are flat and slightly curved. This variety is very resistant to rust, and the quality is excellent when young. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**IMPROVED GOLDEN WAX** A medium early variety, maturing in about 45 days. It is a heavy yielder of medium length flat meaty pods. A very fine stringless bean for the home garden. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**PENCIL POD BLACK WAX** A black seeded bean with straight round pods from 6 to 7 inches long. It is a medium early variety, requiring about 45 days to mature. The pods are absolutely stringless, which makes this sort a popular market garden bean. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.

**ROUND POD KIDNEY WAX or BRITTLE WAX** A fine quality stringless bean with pods nearly 6 inches in length. The quality is one of the best, as the pods are fat, round and brittle. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.

**ROYAL PURPLE WAX** The seed is purple, but otherwise the bean is similar to Improved Golden Wax. It makes a very fine home garden bean. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**STRINGLESS REFUGEE WAX** A late maturing round podded sort of fine tender quality. Being very prolific, it is a popular variety. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

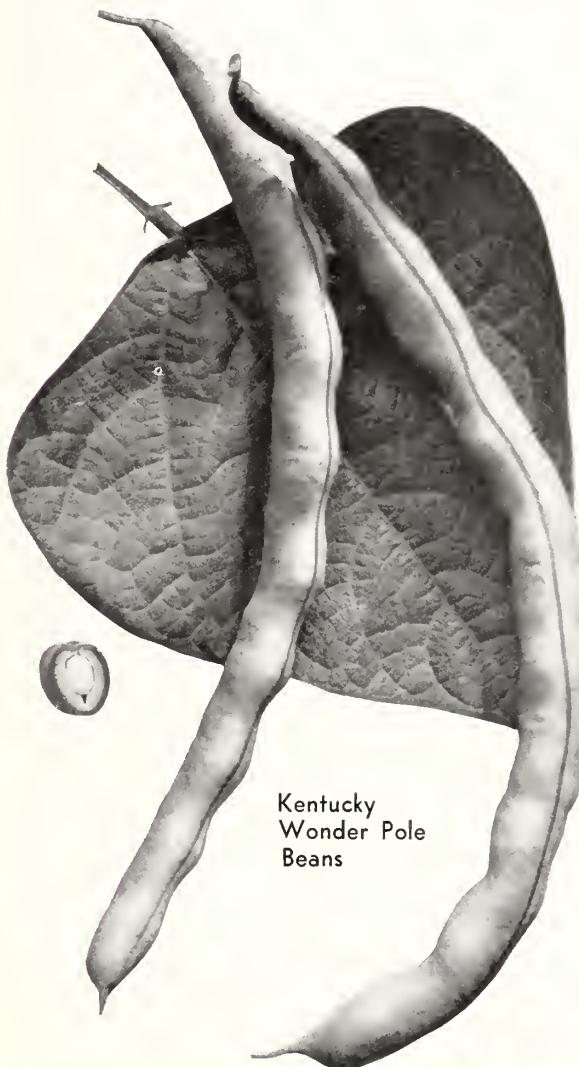
**WARDWELL'S KIDNEY WAX** One of the best early wax podded sorts, as it produces a heavy crop of fine flat pods about 6 inches long, nearly straight and entirely stringless. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**WEBBER WAX or CRACKERJACK** A fairly early round podded bean of rather tall growing habit, which serves to keep the attractive pods well off the ground and clean. The bean is very hardy and prolific, maturing in about 45 days. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

# POLE OR RUNNING BEANS

60 pounds per bushel

**Culture** These beans require good strong poles if they are to be kept off the ground. They yield more than bush beans, but are more tender and should not be planted until later. Poles should be 8 to 9 feet long and set firmly in the ground, in rows four feet apart and the poles three feet apart in the row. Around each pole plant five to eight beans, and later thin out to four vines. Seed should be covered  $1\frac{1}{2}$  to 2 inches deep. Some prefer to stretch wires instead of using poles. One pound of seed will plant about 75 poles; 30 pounds for an acre. Pole beans mature in from 65 to 80 days, and have a longer bearing season than bush beans.



**LAZY WIFE** A rather late green podded bean. The pods are broad, thick, and stringless,  $5\frac{1}{2}$  to  $6\frac{1}{2}$  inches long. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**SCARLET RUNNER** An ornamental bean, which produces bright scarlet flowers. Lb., 35c; 15 lbs., \$4.50.

**WHITE DUTCH RUNNER** A white flowering ornamental climbing or running bean. Lb., 35c; 15 lbs., \$4.50.

## BAKING VARIETIES

**LARGE WHITE MARROW** A heavy yielding bean requiring about 65 days to mature.

**WHITE MEDIUM or SNOWFLAKE** Similar to White Marrow, but having a smaller seed. Sometimes called White Navy.

**WHITE KIDNEY** An old favorite with white kidney-shaped seed.

**RED KIDNEY** Another standard baking bean, having a kidney-shaped seed which is brick red in color.

**YELLOW EYE** A fat bean with white seed which has a large yellow eye.

Any of the Baking Beans above: Lb., 20c; 15 lbs., \$2.50; 60 lbs., \$9.00.

# BUSH LIMA BEANS

60 Pounds per Bushel

**Culture** Bush limas should be planted in rows three feet apart, placing two or three beans 15 inches apart in the row, and covering an inch deep. A pound is sufficient for about 100 feet of row. Should not be planted until the ground is warm.

**FORDHOOK BUSH LIMA** This fine lima produces a heavy crop of fine fat pods in clusters of five to eight. The beans are the "potato" type, that is, they are fat rather than flat. The pods contain from three to five beans each, and are usually mature in 75 days. Fordhook always outsells other bush limas by a big margin. Lb., 35c; 15 lbs., \$4.25; 60 lbs., \$16.00.

**BURPEE'S IMPROVED BUSH LIMA** A fine bush lima of the "potato" type, producing long fat pods ready for picking in about 80 days. Slightly earlier and larger than Burpee's Bush Lima. Lb., 35c; 15 lbs., \$4.25; 60 lbs., \$15.00.

**BURPEE'S BUSH LIMA** The beans produced by this variety are more flat than the Fordhook or Burpee's Improved Bush Limas. They mature in about 85 days from planting. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**HENDERSON'S BUSH LIMA** The original bush or dwarf lima or butter bean, and known in the South as "bush butter beans". While the pods and beans are both quite small, the variety is very valuable for its extreme earliness and the fact that it produces a large and sure crop of excellent quality right up until frost. It matures in 65 to 70 days. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**JACKSON WONDER (Calico Bush)** A very prolific, small seeded bush lima. The pods are medium size, containing from three to five beans. The seed is speckled. Lb., 25c; 15 lbs., \$3.25; 60 lbs., \$12.00.

**MAMMOTH FAVA** A bean similar to the English broad beans, and very popular among the Italian trade. They are very late, and produce a fine crop of dark green pods seven or eight inches long. They are much hardier than other beans, and should be planted early in the spring, just as soon as the ground has dried and becomes workable. Average four to six beans in a pod. Lb., 20c; 15 lbs., \$2.50; 60 lbs., \$9.00.

**BROAD WINDSOR FAVA** Similar to the Mammoth Fava, but with a smaller, shorter pod containing two to four beans. Lb., 20c; 15 lbs., \$2.25; 60 lbs., \$8.00.

# POLE LIMA BEANS

**Culture** Being vigorous growers, these beans require strong poles, set not less than 4 feet apart each way. When ground is warm, plant 4 to 6 beans to a pole, eyes down, and 2 inches deep. When well started, thin out to 2 vines to a pole. Cultivate often. One pound is enough for 50 poles; 45 lbs. per acre. Pole limas mature in from 75 to 90 days.

**KING OF THE GARDEN** The most popular pole lima bean. It is vigorous in growth and very productive. The pods are large and well filled with mammoth size beans. Lb., 30c; 15 lbs., \$3.75; 60 lbs., \$14.00.

**EARLY JERSEY** An excellent early and large podded variety. Lb., 30c; 15 lbs., \$3.75; 60 lbs., \$14.00.

**EARLY LEVIATHAN** An excellent early sort with long straight pods. The beans are of mammoth size. Lb., 30c; 15 lbs., \$3.75; 60 lbs., \$14.00.

**FORD'S MAMMOTH** The pods of this heavy yielding variety usually contain four or five large size beans of fine quality. Lb., 30c; 15 lbs., \$3.75; 60 lbs., \$14.00.

**CARPINTERIA** An extra heavy yielding bean of large size, with thin-skinned rather fat beans of very fine flavor. Lb., 30c; 15 lbs., \$3.75; 60 lbs., \$14.00.

**SIEBERT'S EARLY** Produces large beans, three or four in each pod. This variety is a heavy cropper. Lb., 30c; 15 lbs., \$3.75; 60 lbs., \$14.00.

**CHALLENGER (Deer's Improved)** The pods are thicker than those of other pole limas, as the beans are of the potato type. It yields heavily, and will shell out more beans than the flat type. Lb., 35c; 15 lbs., \$4.25; 60 lbs., \$15.00.

**SMALL SIEVA (Carolina Sieva or Sewe)** Earlier, harder, and more prolific than the large seeded types. A very popular "butter bean" in the South. Also well adapted to the North, where it continues to bear until frost. Lb., 30c; 15 lbs., \$3.75; 60 lbs., \$14.00.



Fordhook  
Bush Lima



Special  
Long Island  
Brussels Sprouts

## COLLARDS

**Culture** Sow like cabbage. Set plants a foot apart in rows two to three feet apart. Seed may also be sown in June or July. In the South, it may be sown from January to May and from August to October.

**GEORGIA** This is a tall, loose-leaf cabbage-like plant, used both for the table and for stock feeding. It is especially popular in the South, where it is grown throughout the year. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

## CARDOON

**Culture** Grown somewhat like celery and served like asparagus. Sow in May and transplant or thin the seedlings so they stand 2 feet apart in rows three or four feet apart. At the end of the summer, blanch by tying the heads and surrounding the stalks with straw and then earth. An ounce for 100 feet of row;  $\frac{1}{2}$  lb. for an acre.

**LARGE SOLID TOURS (Prickly)** Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**LARGE SMOOTH SOLID (Smooth)** Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

## CRESS

**TRUE WATER CRESS** Much favored for salads and for garnishing. It grows luxuriantly in shallow fresh water or in very moist shaded soil. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$4.50.

**CURLED CRESS or PEPPER GRASS** Sow in the early spring, in rows a foot apart. Sow thickly, and cover about a quarter of an inch. An ounce will sow about 200 feet of row. Ready for use in about 40 days. The leaves are of excellent, pungent flavor when young, and are used in salad with lettuce to add pungency. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

## BRUSSELS SPROUTS

**Culture** An ounce of seed will sow about 200 feet of drill. Sow seed either in frames or in open ground. Set plants in rows 3 feet apart and 18 inches in the row. Excessive stem growth will be avoided by avoiding too rich soil. Break leaves from stem to promote better growth of heads. Mature in about 125 days.

**SPECIAL LONG ISLAND** The choice of Brussels Sprouts seeds is most important, as some imported seed will never produce heads. This stock is especially grown for us and annually is used by some of the best producers of Brussels Sprouts. Pkt., 25c; oz., \$1.75; 1-4 lb., \$7.00; lb., \$25.00.

**PARIS MARKET** A good stock of Brussels Sprouts as usually sold. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$4.50.

## CHICORY

**Culture** Sow in the spring, in rows 18 inches apart, a half an inch deep, and thin to 4 inches apart. About the end of October, lift the roots and cut off the leaves within an inch of the crown. Place them in trench or box 18 inches deep, filling up with soil or sand an inch above the crowns. On top of this fill with leaves or straw. A warm cellar is best for this. Water about once a week, and in four or five weeks creamy white sprouts will be ready to cut for salad. In summer the tops may be used for greens if the sprouts are not wanted in the fall. One ounce of seed for 200 feet of row; 10 pounds to the acre.

**WITLOOF (French Endive)** Used for the famous winter salad so popular in restaurants. It forms leaves like cos lettuce, which may be eaten either boiled or raw as a salad. Our stock is an improved type, superior to the old in that the leaves are wider, and the ribs and stalk larger. Also the parsnip shaped roots are thicker at the shoulder, shorter and smoother. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**CATALOGNA** — See Dandelion (Italian), Page 27.

## CORN SALAD

**Culture** Sow thinly in drills half an inch deep in the early spring, and thin to two inches in the row. Matures in about 42 days. For winter or early spring use, sow in drills in August or September. One ounce for 100 feet of drill.

**LARGE SEEDED ROUND LEAVED** Sometimes called Lambs' Lettuce. A hardy, quick growing salad plant, producing leaves which are served like lettuce or cooked like spinach. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**SMALL SEEDED BROAD LEAVED** Similar to the Large Seeded, but having a smaller seed. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

### THE BEST TABLE ONIONS

"I want to say that last year I raised the best table onions we have ever had from the Japanese sets received from you. These were secured from the exhibit you had at the Auditorium in Providence one year ago".

Edward H. Whitney, Cowesett, R. I.



Woodruff's Early Wonder

## TABLE BEET

**Culture** A rich, sandy loam will give best results with table beets. Sow the seed in the early spring in rows 12 to 14 inches apart and when about 2 inches high, thin to three inches apart. For winter use, sow from July first to August 10th. One ounce of seed will sow 100 feet of drill; 10 to 12 pounds per acre.

**WOODRUFF'S EARLY WONDER** This is without doubt the finest early beet on the market. It has a smooth dark skin, a very small tap root, a medium sized top, and when cut will be found to be very dark red color. Early Wonder matures very evenly in the field in about 40 days. This beet is a light seed-yielder and hence the seed costs more per pound. However, the seed is smaller and a pound will go farther. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**CROSBY'S EGYPTIAN** A standard early beet, as early as Early Wonder, but lacking the finer qualities of that variety as to smoothness, color, and even maturity. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**EXTRA EARLY DARK RED EGYPTIAN** The earliest beet, maturing in about 35 days after sowing. It has a small top, good color, and is flat. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**EARLY BLOOD TURNIP** A second-early sort, turnip shaped and with a large tap root and top. Although much used for early planting, is generally grown for main crop and for putting away for winter, for which purpose it is particularly good. The beets are nearly round, smooth and excellent keepers. Skin and flesh deep red; crisp and sweet. It is an unusually fine beet for the home garden. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**DETROIT DARK RED** The best late beet, a main crop variety; much used by market gardeners and canners throughout the country. Our strain has been carefully bred and selected by us at Milford for many years. The result has been a fine dark red color both of skin and flesh, a smooth tap root and fine globe shape. The top is large. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

**CRIMSON GLOBE** A late sort, globe shaped, crimson color, and with dark bronze foliage. Not popular of recent years, as it has not the fine qualities of the Detroit Dark Red. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**EDMUND'S BLOOD TURNIP** A good beet for winter use, being of good dark color, with a large top. However, most gardeners prefer Detroit Dark Red. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

**LONG SMOOTH BLOOD** A long carrot shaped beet for main crop use. It is difficult to find a really good strain of this variety, and we have many testimonials from market gardeners as to the merits of the seed we supply. It is an unusually dark colored beet and one of the tenderest and sweetest sorts. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.



Detroit Dark Red

## SWISS CHARD OR SPINACH BEET

**Culture** Sow in the Spring as soon as the ground can be worked. Sow in drills 18 to 24 inches apart, covering the seed with about an inch of soil. Later, thin them about 4 to 5 inches apart in the row. One ounce of seed for 100 feet of drill; 8 to 10 lbs. per acre.

**LUCULLUS** This variety has a light green leaf, crumpled much like Savoy type cabbage. The rib is not quite as broad as in some other varieties. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**BROAD RIB GREEN** The leaf is smooth and very dark green, the rib very broad and white. Probably the most popular variety with market gardeners. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

**WHITE SILVER** A variety similar in most respects to Broad Rib Green, as it has a fine quality broad silvery white rib. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.



## MANGEL WURTZEL AND SUGAR BEET

**Culture** Same as for table beets, except that the rows should be 24 to 36 inches apart.

**MAMMOTH LONG RED** The most used mangel for stock feeding, as it is a heavy yielding sort, often producing 30 to 50 tons per acre. The flesh is white, veined with pink. Grows well above ground. Oz., 10c; 1-4 lb., 20c; lb., 60c; 5 lbs., \$2.75.



Lucullus  
Swiss Chard

**GOLDEN TANKARD** Has a large root, usually larger at the bottom than at the top. Flesh yellow, and inclined to give color to milk. Oz., 10c; 1-4 lb., 20c; lb., 60c; 5 lbs., \$2.75.

**GIANT YELLOW INTERMEDIATE** Midway between long and globe shape, skin yellow, flesh white with yellow zones. Grows half out of ground. Good for shallow soils. Oz., 10c; 1-4 lb., 20c; lb., 60c; 5 lbs., \$2.75.

**GIANT HALF SUGAR ROSE** A fine stock feeding beet, rich in sugar. The roots are rose above ground, white below ground, and the flesh white. Oz., 10c; 1-4 lb., 20c; lb., 60c; 5 lbs., \$2.75.

**IMPERIAL WHITE SUGAR** A fine beet for feeding stock, the yield about 35 tons per acre. Single beets are very large, thick at the shoulder and tapering below. Oz., 10c; 1-4 lb., 20c; lb., 60c; 5 lbs., \$2.75.

**KLEIN WANZLEBEN SUGAR** A smooth beet, broad at the shoulder and gradually tapering toward the base. Grown in many sections for sugar, but also makes a fine winter food for cattle, as the yield is large. Oz., 10c; 1-4 lb., 20c; lb., 60c; 5 lbs., \$2.75.

# CABBAGE

**Culture** The plants are started in a cold frame or hot bed, and later transplanted (about the middle of March to the middle of April) in rows about two feet apart and

18 inches in the row. For late crops, sow in May or June and set the plants in July. An ounce will produce about 2000 plants; a half pound will transplant an acre.



Golden Acre Cabbage

## FIRST EARLY VARIETIES

**GOLDEN ACRE** A very fine early cabbage of the Copenhagen Market type, but maturing some 10 days earlier than that variety. Will mature in about 80 days from sowing. The heads are round, very firm, bright green in color, about nine inches in diameter and remarkably uniform. Pkt., 15c; oz., 60c; 1-4 lb.. lb., \$7.50.

**COPENHAGEN MARKET** An early, large round-headed variety, as early as Early Jersey Wakefield. It is very compact and firm, the heads being slow to burst. Maturity is uniform, and the heads average about 8 pounds each. Pkt., 10c; oz., 50c; 1-4 lb.. \$1.50; lb., \$5.00.

**EARLY JERSEY WAKEFIELD** A medium size early sort, with pointed head. Very compact, and can be set rather more closely than most varieties. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

**CHARLESTON WAKEFIELD** About five days later than Early Jersey Wakefield. Heads are fuller, larger, very solid, and pointed. This is a very popular sort with Southern growers. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

## SECOND EARLY VARIETIES

**BUGNER** Very popular through the mid-west, where we obtained our stock seed, our strain having the same fine qualities brought out by the originator. Has very large semi-round heads, which become extremely hard as soon as they begin to form. If planted early, it is an excellent summer as well as fall cabbage. It is disease resistant. This seed is of our own growing, and very fancy stock indeed. Pkt., 20c; oz., 90c; 1-4 lb., \$3.00; lb., \$10.00.

**STEIN'S EARLY FLAT DUTCH** A large, early, flat-headed variety. The stem is short. It is much earlier than Late Flat Dutch. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

**EARLY WINNIGSTADT** One of the old standbys, producing a medium size, very solid, pointed head, closely wrapped in dark slate colored leaves. One of the very best second early sorts. Pkt., 10c; oz., 30c; 1-4 lb., 85c; lb., \$3.00.

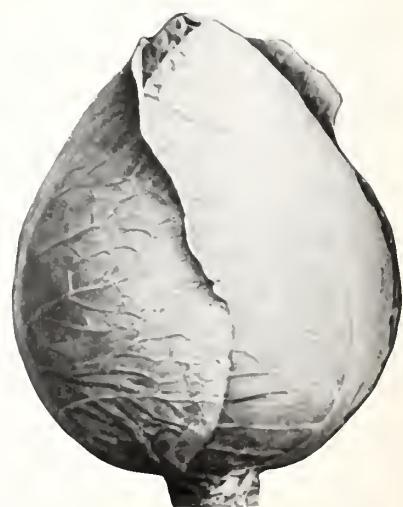
**ENKHUIZEN GLORY** An excellent medium early, short-stemmed variety. The heads are large, often weighing 8 to 10 pounds each, and very solid. It is a close and compact grower, allowing close planting. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

**ALL HEAD EARLY** The heads are large and solid, flat, and of compact growth. This is a very popular second early sort, as it remains in good condition longer than many varieties. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**SUCCESSION** Produces a somewhat flattened head, and is noted for its ability to thrive under almost any weather condition. It heads surely, and keeps well even if planted late. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

**ALL SEASONS** A flattened round-head variety, suitable to any season. The heads are large and solid, and it keeps well even if planted late. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

**EARLY SUMMER** The heads are round and flattened, solid, and of fair size. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.



Charleston Wakefield  
Cabbage

CABBAGE CONTINUED

## LATE VARIETIES

## DANISH BALL HEAD OR HOLLANDER

A tall stemmed variety, imported from Denmark. It has an extremely solid head, unexcelled keeping qualities, stands shipping well. This stock is the same that we have furnished for years, and produces very heavy heads. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

**DANISH ROUND HEAD (Short stemmed)** This is practically the same as Danish Ball Head, except that the stem is short. The heads have the same fine qualities, being especially hard and heavy. Our stock is very fancy. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

**PREMIUM LATE FLAT DUTCH** A popular old favorite. Has a large flat head which is very solid and of fine keeping quality. Pkt., 10c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

## SAVOY TYPES

**SPECIAL LONG ISLAND SAVOY** This has earned itself a very fine reputation with our customers who demand an extra fancy strain of Savoy cabbage. As the accompanying photograph will show, the heads are very compact and curly. What the photograph does not show is the fact that this is a very sure heading strain of very fine color and general appearance. It is distinctly superior to the regular Drumhead Savoy. Pkt., 20c; oz., \$1.25; 1-4 lb., \$4.00; lb., \$15.00.

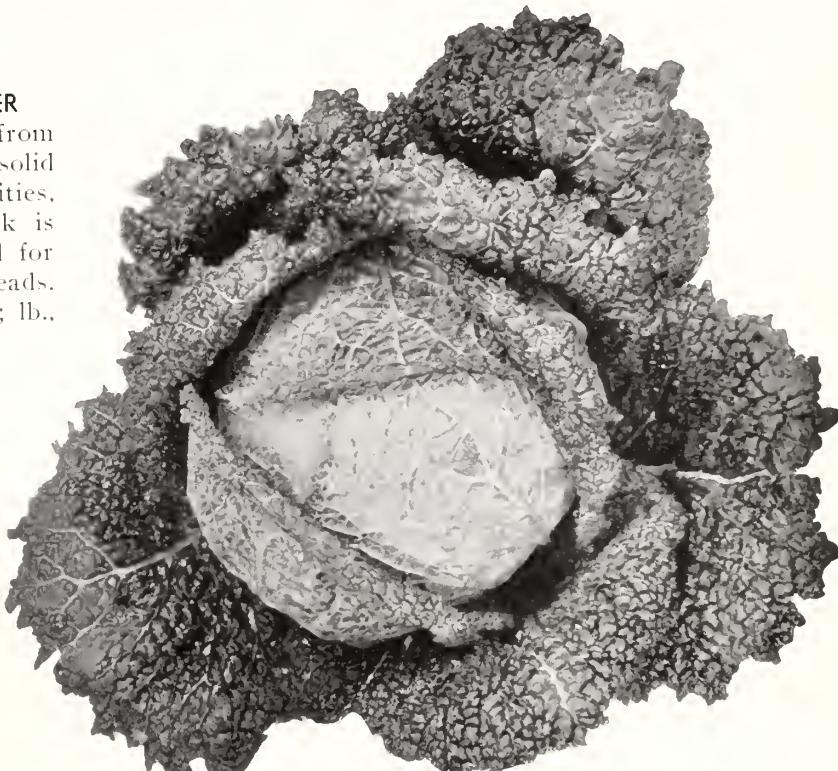
**DRUMHEAD SAVOY** A good stock of the Savoy type cabbage, American grown seed. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.

## WOODRUFF'S SWEET CORN BEST

"Just a word to express how much we appreciated the Extra Early Yellow Corn we purchased from you last spring. It certainly is extra early; we had our first taste of it on July 20, although it got a late start. It was simply delicious, just as sweet as Golden Bantam and two weeks earlier. In fact, everybody thought it was Golden Bantam, and hated to admit that any other variety could equal that famous corn in sweetness and flavor.

"We have tried sweet corn from many firms, but yours excels all others in sweetness, flavor and high germination; and this Extra Early Yellow beats all your other varieties".

E. W. Day, Taconic, Conn.



Special Long Island Savoy Cabbage

## RED CABBAGE

**SPECIAL RED ROCK** Growers of red cabbage know that it is difficult to obtain a good strain of this variety. We have devoted much time and effort to producing our Special Red Rock cabbage, and now have a very fancy strain which is sure heading and productive of fine, solid, large heads. The supply is limited and the demand heavy. Pkt., 50c; oz., \$2.00; 1-4 lb., \$6.00; lb., \$20.00.

**MAMMOTH RED ROCK** This is our regular stock of red cabbage, and is a very satisfactory one, though inferior to our Special Red Rock. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.

**ZENITH RED ROCK** A medium early red cabbage, with a smaller head than Mammoth Red Rock. Heads are solid, of good color and quality. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.

## A MICHIGAN CELERY GROWER SAYS—

"You will find enclosed a newspaper clipping and picture of some of the celery I grew from the seed I bought from you last year, and I hope you have some more of the same seed. I want 1 1/4 lb. of Woodruff's Wonderful, a trial packet of Hoover Special, and a quarter pound of Paris Golden Self-Blanching".

John Ter Burgh, Flint, Michigan

## CHINESE CABBAGE

**Culture** These varieties grow much like cos lettuce, but should be grown like cabbage. If for early planting, sow in hot beds in February; if for later planting, sow early in June. The plant matures in from 12 to 15 weeks from time of sowing seed, and will not stand frost.

**IMPROVED PEKIN** A Chinese celery cabbage resembling both celery and cos lettuce. The heads are tall and cylindrical, usually being 18 inches in height, but often reaching two feet. It is a sure heading type, and the flavor is very fine. The accompanying photograph shows well its characteristics. It is a far better storage keeper than Wong Bok. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.

**WONG BOK** We have been growing this variety on our own ranch in California for some years, and it has never failed to please our customers. The heads are broader and shorter than Improved Pekin, but the heading qualities are equally good, as is also the flavor. Pkt., 10c; oz., 30c; 1-4 lb.,



Improved Pekin  
Celery Cabbage

## HERBS

Most herbs have both decorative and vegetable qualities, and for this reason are found in both flower and vegetable gardens. They are easily dried for winter use. In general, they may be sown in early spring in rows about a foot apart, and thinned to about 6 inches. In the descriptions below, "A" means that the plant is an annual; "B", biennial; "P", perennial.

**ANISE "A"** Grown for its aromatic seeds, which are used for flavoring. Pkt., 10c; oz., 20c; 1-4 lb., 50c; lb., \$1.50.

**BALM "P"** The leaves have the odor of lemon, used for garnishing and flavoring. Easily grown. Pkt., 20c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**BORAGE "A"** Used as a pot herb and for bee pasturage. The leaves are sometimes used in salads, having a flavor something like cucumber. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.50.

**CARAWAY "B"** Seeds used for flavoring bread, pastry and other foods. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 60c.

**CHIVES "A"** An onion-like plant used for flavoring, having a more delicate flavor than onions. Used also for ornamentation in a flower garden. Pkt., 20c; oz., 75c; 1-4 lb., \$2.00; lb., \$6.00.

**CORIANDER "A"** The seed has a strong aromatic flavor and is used in confectionery and pastry. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 60c.

**LAVENDER "P"** Grown for its sweet smelling flowers. Pkt., 20c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**SAGE "P"** Most used of all herbs for seasoning. Leaves are used either green or dry. For drying, cut the leaves just as the plant begins to flower, and dry in an airy, shady place. Pkt., 10c; oz., 20c; 1-4 lb., 75c; lb., \$2.50.

**SWEET BASIL "A"** The leaves used for flavoring, especially in mock-turtle soup. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**SWEET FENNEL "P"** The seeds used for flavoring. The young shoots sometimes used for salads, soups, etc. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**SWEET MARJORAM "A"** The tops and leaves are used for flavoring soups, gravies, etc. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

**SUMMER SAVORY "A"** The aromatic dried stems, leaves and flowers are used for flavoring dressings, soups, etc. Pkt., 10c; oz., 20c; 1-4 lb., 50c; lb., \$1.50.

**THYME "P"** Sow as early as possible. Used both for flavoring and for medicinal purposes. Pkt., 15c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.

**WORMWOOD "P"** Extremely bitter taste, the leaves being used for medicinal purposes. Pkt., 15c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.

## DILL

**Culture** Sow in early spring in rows 18 inches apart, covering with not more than  $\frac{1}{2}$  inch of soil. When three or four weeks old. An ounce will sow about 200 feet of row.

**LONG ISLAND MAMMOTH** A superior strain of dill grown by ourselves for a critical trade. Well worth using in preference to the ordinary seed. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**COMMON** An ordinary strain as usually sold by other houses. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.



Early Snowball Cauliflower

## CAULIFLOWER

**Culture** Cauliflower is a crop difficult to grow unless the conditions are right. It grows well in cool weather, but in general should be grown like cabbage. For early crop, sow in the hotbed in January or February, and transplant when freezing weather is past. For late crop, sow in May or June, and treat like late cabbage. Set out the plants 15 to 18 inches apart in three foot rows. An ounce of seed will produce about 2000 plants, and a half of a pound will suffice for an acre.

**EARLY DWARF ERFURT** This is a fine strain of Erfurt quite similar to Snowball, but is not as early and is somewhat larger in growth. Pkt., 25c; 1-2 oz., \$1.50; oz., \$2.50; 1-4 lb., \$8.00; lb., \$30.00.

### EARLY SNOWBALL

We continue to offer our friends the same strain of Early Snowball which has given them such satisfaction and good results in the past. This is an extra fancy Danish grown seed, producing the earliest maturing strain of the short leaved type. It is well adapted for forcing or winter use. Pkt., 25c; 1-2 oz., \$1.50; oz., \$2.50; 1-4 lb., \$8.00; lb., \$30.00.

## BROCCOLI

**Culture** Same as for cauliflower. Italian Broccoli much resembles a green-headed cauliflower. The true Italian Broccoli produces one head on its main stalk. When this has been cut, smaller heads appear, which are also marketed.

There are any number of strains of Broccoli, some of which are not desirable. Buyers should therefore use caution in order to be sure of getting the true sort.

**SPECIAL ITALIAN-PROPAGENO EARLY STRAIN** This is a very fancy strain of Italian Broccoli, having a main head, and smaller heads appearing after the main head has been removed. The Propageno strain is earlier than the Calabrese as usually sold, and produces larger heads, is a prolific yielder of the best quality. We are supplying this strain to very large growers with entire satisfaction. Pkt., 25c; oz., \$1.75; 1-4 lb., \$6.00; lb., \$20.00.

**CHRISTMAS CALABRESE** A very good strain of the true heading Broccoli. This strain also produces smaller heads after the removal of the main head, but is not quite as early as our Propageno nor are the heads as large. Pkt., 20c; oz., \$1.75; 1-4 lb., \$6.00; lb., \$20.00.



Broccoli — Special Italian (Propageno Early Strain)

# CARROT

**Culture** Like other root crops, the carrot likes a rich sandy loam, well tilled. For early crops, sow as soon as the ground can be tilled, say in April or early May. For late crops, sow in late June or July. Sow the seed a half inch deep in drills 12 inches apart, thinning to three inches in the row. Carrot is slow to germinate and the soil must therefore be well firmed. One ounce for 100 feet of row; 6 to 8 pounds per acre when sowed in one foot drills.

**CHANTENAY** The outstanding market garden and home garden sort. It grows half-long, stump rooted, and makes a very fine appearance. It is a heavy yielder and makes a fine bunching carrot at any time after it has made half of its growth. The color is a rich red-orange. Carrot has long been one of our specialties, and we grow annually many thousands of pounds of carrot seed for the best market garden and canning trade. Chantenay has long been the most popular variety among both classes of trade as well as for the home garden. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**CORELESS CHANTENAY** This new strain of Chantenay is quite free from the ordinary yellow core, and while the type is not entirely fixed, it is an improvement over the old type as regards core. On account of its tenderness, it is superior to the usual Chantenay, and promises to become one of the leading varieties as soon as it is better known to growers. It is particularly attractive to canners and market gardeners, generally bringing a better price on the market due to its fine dark red center. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**WOODRUFF'S SELECTED DANVERS** This is a very fancy selection of the old Danvers Half Long. It is only slightly stump-rooted, tapering more than Chantenay. Matures in about 70 days, being therefore about ten days later than Chantenay. This strain has proven to be a heavy yielder and makes a fine main crop sort. It is smaller in diameter than Chantenay, but is not so apt to split in wet weather. Its length is slightly greater than Chantenay. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**DANVERS HALF LONG (Improved)** Our regular strain of this popular second-early variety. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**PERFECTION** This new carrot is a long stump-rooted sort and is distinctly a table carrot. It is almost entirely free from core and has a fine deep red color. The tops are small. It is a heavy cropper and will keep in perfect condition all winter. Pkt., 10c; oz., 20c; 1-4 lb., 65c; lb., \$2.25.

**CORELESS FORCING** Known also as Amsterdam Forcing, this is the finest and sweetest carrot for forcing, and can be grown equally well in the open. Roots are half-long, practically coreless, stump-ending, have a very small top and a fine tap root. The flavor is unsurpassed, being the sweetest carrot we have ever tasted. Where flavor is the prime requisite, we recommend this variety as superior to all. Pkt., 10c; oz., 20c; 1-4 lb., 65c; lb., \$2.25.



Chantenay



Woodruff's  
Selected  
Danvers

**SCARLET NANTES** A half-long stump-rooted carrot of medium size. It is an early variety, being mature in about 65 days. Coreless, and excellent for forcing. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**OXHEART or GUERANDE** A short chunky variety about as thick as it is long. It is a good keeper, and is well adapted for growing in stiff, hard soil, where others do not thrive. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

**IMPROVED LONG ORANGE** This is a long smooth carrot of fine grain, thick at the crown and gradually tapering to a point. It is a fine winter keeper, and is also used for stock feed. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**BAGLEY or BAGLEY DANVERS** A very long stump-rooted variety, similar to Hutchinson, but growing entirely below ground. The top is medium size, the root a beautiful red orange color. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

**HUTCHINSON** Identical with Bagley, except the shoulder of the carrot grows slightly above ground, making it somewhat greenish at that point. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

**ST. VALERY** A handsome reddish orange carrot about a foot in length, tapering to a point. As a main crop for the table or the field it will give satisfaction. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

# CARROT

CONTINUED

**RUBICON** This is a half-long, stump rooted carrot much resembling Chantenay in shape. The color is good, and it makes a fine carrot for main crop, either for bunching or busheling. The top is large size, and the yield heavy. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.



Mr. Thomas W. Whitaker of Green Acres Farm, Inc., Syosset, L. I. sends a load of Woodruff's Coreless Chantenay Carrots to market

**WHITE BELGIAN** The finest carrot for stock feeding, as it produces roots a foot long and two inches thru at the crown, tapering very slightly downward. The flesh and skin are white, tinged with green on the upper portion. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.



## WOODRUFF'S CELERY TAKES PRIZES

The following is a reprint from the bulletin sent out by the Massachusetts Agricultural College Field Station at Waltham, Mass. It shows that the two celery prize winners both used our celery seed. This is nothing unusual, as it happens frequently in various states, but it does emphasize the fact that Woodruff's celery seed is above the average.

### THE FIELD STATION JOURNAL

Number 122

September 1930

Another successful Field Day was held August 6th at the Field Station of the Massachusetts Agricultural College at Waltham. The attendance was about 900.

The third annual celery contest was the center of interest to those who grow that crop. Ten entries made the competition keen and the quality of the celery was the best yet. The judges, Cyrus Jenness of Newton and Natick; S. M. Richardson of Sunderland; and Warren H. Heustis of Belmont had a difficult task assigned them to pick out the two best boxes.

The box of WOODRUFF'S WONDERFUL CELERY entered by J. S. Eisenhaure & Sons Co., of North Reading was awarded First Prize. Jerry Cataldo of Lexington took Second Prize with a box of WOODRUFF'S GOLDEN PLUME. A Waltham watch donated by the Boston Gardeners Association and a Skinner oscillator donated by George N. Barrie of Brookline were the prizes.

The box shown by Eisenhaure & Sons was packed with round bunches. Although the judges favored a flat pack, the celery in this particular entry WAS SO DECIDEDLY SUPERIOR that the objection was waived.

Those who entered celery were:

\*J. S. Eisenhaure & Sons, North Reading  
Esty Brothers, Newton  
M. E. Moore, Arlington  
C. E. Heslam, Fitchburg  
\*Jerry Cataldo, Lexington

\*Anthony Busa, Lexington  
\*Peter Volante, Newton  
L. W. Phinney, Portland, Maine  
\*G. Thorndike Trull, Lowell  
J. W. Stone, Watertown

(The names marked with \* are users of Woodruff's Quality Seeds.)

# CELERY

**Culture** Celery seed is very slow to germinate. Plant seed in the hotbed or very early in open ground. When three inches high, transplant four inches apart in finely pulverized rich soil. In June or July transplant 6 or 8 inches apart in rows three feet apart. Celery requires a great deal of water from the time the seed is sown until it is pulled. To blanch, drawn earth around the plants, or boards or paper may be used. An ounce will produce about 5000 plants; a quarter pound will suffice for an acre.



Woodruff's Wonderful Celery

**HOOVER SPECIAL** This new variety is about half way between Wonderful and the tall New French Golden, as it has the long joint characteristic of the latter and also the heavy butt and heart of Wonderful. It has a very long first joint and a wide rib, and the eating quality is far superior to the New French Golden. Hoover Special bleaches very easily, and if necessary can be left in the boards 10 to 12 days while bleaching without getting soft stalks, as some of the shorter sorts will. Can be transplanted 14 dozen plants to a 14 foot board, and will run very uniform, with an absence of small immature plants or spikes. We believe this to be a very superior celery for the storage buyers and also for shipping direct from the field, because of its keeping qualities and its flavor. Pkt., 75c; 1-2 oz., \$1.75; oz., \$3.00; 1-4 lb., \$10.00; lb., \$35.00.

(Photograph on next page)

## WONDERFUL (or Golden Plume)

An unusually thick-set compact celery which attains exceptional weight. We have seen twelve stalks that weighed 72 pounds. It is a week earlier than Paris Golden, has no soft stalks, is free from strings, and is a perfect shipper. In fact, hundreds of acres of Woodruff's Wonderful are grown annually in the celery sections of America, notably in Florida, Michigan, Massachusetts and New York. Our seed is proven stock, tried last year, and no celery grower need hesitate to sow it, as we grow it ourselves and test each bag for germination a few weeks before sowing time. In making our selection, we have not sacrificed the girth in order to lengthen the first joint. For this reason, our Wonderful will yield a heavy crate. Our method of handling our seed plants results in producing far fewer seeders than is generally the case, especially when one is trying to grow a late crop. This fact is acknowledged in all the large celery growing centers. The rib is 9 to 10 inches to the first joint, is very hard, and its firmness makes it less susceptible to damage by heat or cold. Pkt., 25c; 1-2 oz., \$1.50; oz., \$2.50; 1-4 lb., \$8.00; lb., \$30.00.

**PARIS GOLDEN SELF BLANCHING (Old Strain)** A so-called yellow celery of dwarf compact growth. It is easily blanched, is full-hearted, and of very fine flavor. It keeps well. This is the original strain of Golden Self Blanching as first introduced in France. Pkt., 20c; oz., \$1.00; 1-4 lb., \$3.50; lb., \$12.00.

**NEW FRENCH GOLDEN** Sometimes called Tall Strain Paris Golden, or Tall Golden Self Blanching. This is a selection from the Old Strain of Paris Golden, and produces a taller stalk, which has not the stockiness of the old strain. It matures very early, however, and is much grown for this reason, since it comes on the market somewhat earlier. If blanched with earth, it requires more labor than the Old Strain, since the stalks are taller. Pkt., 20c; 1-2 oz., 75c; oz., \$1.25; 1-4 lb., \$4.00; lb., \$15.00.

**NEWARK MARKET** A quick bleaching green celery of our own growing. This variety is completely resistant to celery sickness, pot rot and blight. It develops very quickly, is very brittle and of fine flavor. Pkt., 20c; 1-2 oz., 75c; oz., \$1.00; 1-4 lb., \$3.00; lb., \$10.00.

# CELERY

CONTINUED

**GIANT PASCHAL (Frost Strain)** This is one of the finest green celeries known, crisp, brittle, free from strings, and of very excellent eating quality. All stalks are eliminated, and we believe we can supply you with the best strain in existence. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**EASY BLEACHING** Also called Sanford Superb. This is a valuable variety which follows about two weeks after Paris Golden. It grows well in either muck or upland, has splendid keeping qualities, and is somewhat resistant to blight. We have a choice strain produced by ourselves. Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 75c; 1-4 lb., \$2.50; lb., \$8.00.

**WOODRUFF'S BEAUTY** This is one of the finest green sorts ever grown, and we usually have insufficient seed to meet the large demand for it. It resembles Paris Golden in size, with a large, stocky golden heart, very brittle and of superb flavor. It is also easily bleached. Pkt., 20c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25; 1-4 lb., \$4.00; lb., \$15.00.

**COLUMBIA** Plants are medium in height, thick ribbed and well hearted. A good celery for winter market. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; 1-4 lb., 75c; lb., \$2.50.

#### WOODRUFF'S CELERY GIVES RESULTS

We receive each year many letters testifying to the superiority of our celery seed. Celery seed costs so little per acre and the loss from a little poor seed is so great, that these letters have a real meaning. It is a serious matter to spend months of labor and much money on a crop of celery, and then find that a few dollars worth of poor seed resulted in a crop of inferior quality.

These letters are from men who know that it pays to buy good celery seed at a higher price than to suffer loss through false economy in seed buying. Don't be penny wise and pound foolish.

"I enclose herewith check for the Wonderful and Paris Golden celery seed I bought from you the past season. I found the seed excellent and grew the best crop I have ever had. I gave your Mr. Lindley an order for shipment July 15, 1930".

W. H. Rawlins, Sanford, Florida

"Please send me two pounds of Woodruff's Wonderful celery seed. We had very good luck with your Wonderful last summer and have a very nice celery business built up. We expect to have about ten acres of your Wonderful. Please send the seed soon, for we will sprout some of it the last week in February".

Archie C. Webb, Rochester, Indiana.

"In regards to celery seed, I purchased some of your Wonderful celery five or six years ago and found it a great celery, and was wondering if you have any of that same stock on hand at this time. If you have, I wonder if you would be so kind as to either send me your seed annual or state the price. I had lost your address until yesterday, when I met a gardener friend in Greenwich who told me where I could find my old variety of celery, which is certainly a darn good strain".

Frank B. Root, Gardener, Greenwich, Conn.

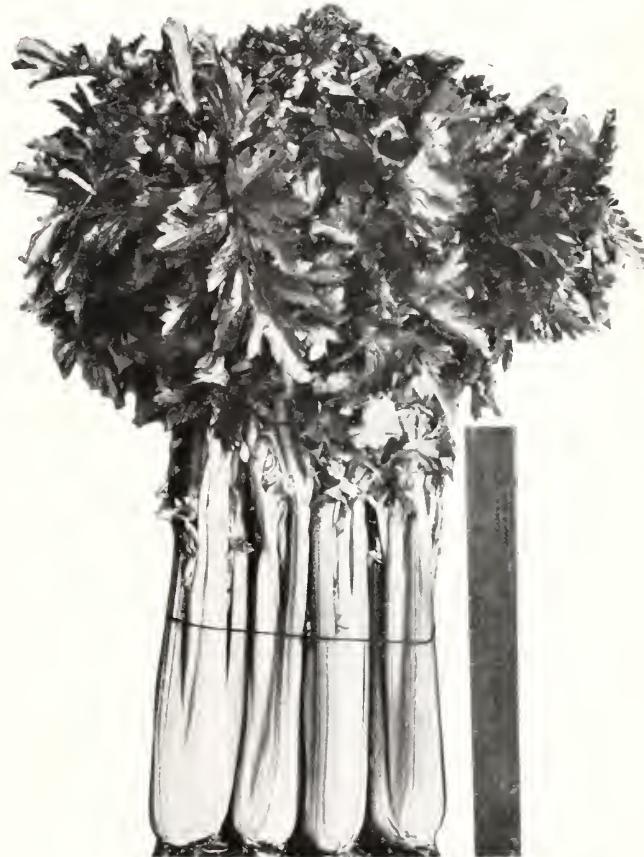
**BOSTON MARKET** It grows a very stocky heart, and for eating qualities is very fine. We have an exceptionally fine stock of this celery. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; 1-4 lb., 75c; lb., \$2.50.

**WINTER QUEEN** One of the finest dwarf winter sorts, more easily blanched than Giant Paschal and somewhat earlier. It has a large heart, creamy white and solid. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; 1-4 lb., 75c; lb., \$2.50.

**WHITE PLUME** The earliest and most easily blanched celery known, but as it lacks keeping qualities, it is grown for late summer and fall use exclusively. It has pure white stalks, is crisp and of good flavor. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c; 1-4 lb., \$1.00; lb., \$3.50.

# CELERIAC

**GIANT SMOOTH PRAGUE** Called also Knob Celery or Turnip Rooted Celery. More easily grown than blanched celery, as it grows a thick root which is fit for use when about two inches in diameter. Sow same as celery, but plants can be set six inches apart in rows two feet apart. Excellent for flavoring. Pkt., 15c;  $\frac{1}{2}$  oz., 35c; oz., 60c; 1-4 lb., \$2.00; lb., \$6.00.



Hoover Special Celery

## SWEET CORN

**Culture** Corn may be grown on almost any soil provided it is reasonably fertile and deeply worked. Sweet corn should not be planted until the danger of heavy frost is past, and the main crop or late sorts should not be planted until the ground is quite warm, sweet corn being more sensitive to cold than field corn.

If planted in hills, for early varieties the hills should be three feet apart each way, for later varieties 3½ to 4 feet apart each way, dropping four to six kernels in each hill. When six inches high, thin to three or four plants in a hill. Hoe frequently and give frequent but shallow cultivation until the tassels appear.

If planted in rows, have the rows three to four feet apart, dropping the seed a foot to a foot and a half apart. A peck is generally enough for an acre. A bushel of sweet corn weighs 50 pounds. Field corn is listed on Page 62.

### FIRST EARLY VARIETIES



Early Columbia

**EARLY SURPRISE** One of the earliest white sweet corns ever put on the market. It has a fine white ear 6 to 6½ inches long and well filled out to the end of the cob. The stalks grow 5 to 5½ feet high, with attractive green streamers on the ears. Matures in 55 to 58 days. Lb., 30c; 12½ lbs., \$3.25; 50 lbs., \$12.00.

**EARLY YELLOW SENSATION** A new variety, and the earliest yellow corn we have seen, being ready for the first picking in 58 to 60 days. The ear has 8 rows and is 6 to 8 inches long. The quality is far better than most early varieties. Lb., 30c; 12½ lbs., \$3.25; 50 lbs., \$12.00.

**EXTRA EARLY YELLOW** An extra early yellow variety, maturing about the same time as Sensation, and of very fine quality. Its flavor is comparable to that of Golden Bantam, which has no equal as to flavor. The ears are good size and attractive. Lb., 30c; 12½ lbs., \$3.25; 50 lbs., \$12.00.

**GOLDEN SUNSHINE** A very choice extra early yellow corn, growing stalks 4½ to 5 feet high, the ears averaging 7 inches in length. In many cases there are two ears on a stalk. The cob has usually 12 rows, and is well filled. The flavor is very fine, and the ears are attractive when ready for market. Matures in about 63 days. Lb., 30c; 12½ lbs., \$3.25; 50 lbs., \$12.00.

**EARLY COLUMBIA** This is one of the most popular early white corns we have ever had the good fortune to grow, and there is good reason for its popularity. It is greatly superior to Mayflower, maturing slightly earlier and being of finer quality. The ears are eight inches long, filled with plump sweet kernels to the very tip end. About 25% of the stalks, which reach a height of 5½ to 6 feet, bear two fine ears. The ears themselves are made more attractive in appearance by the presence of green streamers. We recommend this variety above all early white sorts. Matures in about 64 days. Lb., 30c; 12½ lbs., \$3.25; 50 lbs., \$12.00.

**EARLY MAYFLOWER** A standard variety of good quality. It is a good yielder and very sweet. Ears average nearly 8 inches in length, maturing a few days after Early Columbia, which it somewhat resembles. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

**WHIPPLE'S EARLY YELLOW** A popular large eared yellow corn, having an ear nearly or quite twice as large as Golden Bantam, yet maturing at about the same time. The ears average 8 inches or more in length, with 12 rows of fine sweet kernels. Matures in 70 to 75 days. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

## SWEET CORN CONTINUED

**GOLDEN BANTAM** The most popular and finest flavored corn ever introduced. The ear is small, though we now have a strain with ears slightly longer on the average than the older stocks, and has 8 rows of wide, deep kernels. The small size of the ear is more than made up for by the flavor. This is Connecticut grown stock, which is true of our other corn also. Matures in 70 to 75 days. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

### SECOND EARLY VARIETIES

**GOLDEN ROD** A mid-season yellow corn of real merit. It is of the Golden Bantam type, but the ears are longer and have 14 rows. Average length of ear, seven inches. The stalks are also taller than Golden Bantam, averaging nearly seven feet. It is a very good variety to follow Bantam, on account of its larger size, fine color and flavor. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

**GOLDEN GIANT** A valuable yellow variety, similar in many respects to Golden Rod, and maturing in about the same time, 75 to 78 days. The ears, often two or three to a stalk, are 6 to 7 inches long and have 12 to 18 rows. Lb., 25c; 12½ lbs., \$3.; 50 lbs., \$10.

**EARLY CROSBY** An old standard variety, ears growing as long as 6½ inches and with 14 or more rows. The stalks are about 4½ feet high, the kernels short and nearly square. Grown largely in Maine for canning purposes. Matures in about 75 days. Lb., 25c; 12½ lbs., \$2.25; 50 lbs., \$8.00.

**BLACK MEXICAN** Although the seed is nearly black, the green corn is pure white color, the eating quality very fine. The ears are about 9 inches long and generally 8 rowed. Matures in about 75 days, and as the flavor is excellent, it is a very good home garden variety. Lb., 25c; 12½ lbs., \$2.25; 50 lbs., \$8.00.

**HOWLING MOB** A medium early variety with large ears, averaging some 8 inches long, white and of very fine flavor. This variety is used by many market gardeners serving a section where white corn is popular. The ears have 12 rows, and are mature in from 75 to 80 days. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., 10.00.

**CHAMPION or METROPOLITAN** This is a popular old second early variety of white corn which matures in about 80 days. The ear, which has 12 to 14 rows, is about the same length as Howling Mob, but is not quite as stout. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

**IMPROVED GOLDEN BANTAM** This is a second early variety which does not resemble Golden Bantam in any particular except color and flavor. The ears grow to be 8 inches long, have 12 rows, and mature in about 75 days. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

**PRIDE OF MILFORD** A fine second-early corn with exceptionally large ears, which are crowded with very sweet kernels. This is a favorite market garden sort, owing in part to its attractive appearance with its green streamers, but still more to its flavor. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.

### LATER VARIETIES

**EARLY EVERGREEN** Ready for market about a week before Stowell's Evergreen, though much resembling Stowell's as to size of ear and quality. The ears are large, averaging 8½ inches long, with fine, deep kernels of pure white color. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

**EARLY MAMMOTH** A well known late variety, maturing in about 90 days, and excellent for the market garden. The white ears are nearly nine inches long and of extra sweet flavor. Lb., 25c; 12½ lbs., \$2.50; 50 lbs., \$9.00.

**HICKOX** A popular variety among market gardeners whose trade demands a large white corn. Stalks grow 7½ feet high, the ears about 9 inches long, with 12 rows. The flavor is very fine, and the appearance attractive. Matures in about 90 days. Lb., 25c; 12½ lbs., \$2.25; 50 lbs., \$8.00.

**COUNTY GENTLEMAN (Shoepeg)** The kernels are not in rows, but might be described as "broadcast" over the cob. It is a very sweet, white variety, used in large quantities by canners, market and home gardeners alike. The quality is high. It is a very late variety, maturing just after Stowell's Evergreen, in about 90 days. Lb., 30c; 12½ lbs., \$3.25; 50 lbs., \$12.00.



Golden Bantam

## SWEET CORN

### LATE VARIETIES CONTINUED

**BANTAM EVERGREEN** A cross between Golden Bantam and Stowell's Evergreen, resulting in a large ear of orange-yellow color. They average 8 to 9 inches in length, with 12 or 14 rows of kernels of fine quality. Stalk growth is vigorous, reaching a height of 7 feet. Maturity is in about 80 days. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

**LONG ISLAND BEAUTY** The ears are very large, being about 10 inches long and very thick thru. The corn, however, is of very fine quality. This is probably the largest sweet corn grown, and is especially popular in the New York market. Matures in about 95 days. Lb., 30c; 12½ lbs., \$3.25; 50 lbs., \$12.00.

**STOWELL'S EVERGREEN** The greatest of the late white varieties, it has been known under the same name for at least 70 years. It is the standard main crop variety, bearing thick ears which average well over 8 inches in length, often reaching 9½ inches. The sugar content is very high, as it is one of the sweetest varieties known. The ears have 12 rows of deep kernels. Matures in about 85 days. Lb., 25c; 12½ lbs., \$3.00; 50 lbs., \$10.00.

**LATE MAMMOTH** One of the very large, late white corns, maturing in about 95 days from planting. The ears are large and thick, with 14 to 16 rows of very sweet grains. This variety will satisfy where the market prefers a very large ear. Lb., 30c; 12½ lbs., \$3.25; 50 lbs., \$12.00.

## CUCUMBER



Woodruff's Hybrid Cucumber

**Culture** Cucumbers grow best in a rich, warm, sandy loam. Sow seed when danger of frost is past, in hills four or five feet each way. Sow thickly half an inch deep, and thin out to three or four plants to the hill. An ounce of seed will plant 50 hills; two pounds per acre.

**WOODRUFF'S HYBRID** We consider this the finest all around cucumber in existence. It has a long and straight, attractive shape, with a very rich green color, a fine lot of showy white spines. The color stays green for a week making it a fine shipper. Many Southern cucumber growers will use no other, which is indeed a fine testimonial for it. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**EARLY FORTUNE** A very excellent white spine type, of extra good quality and color. It is a good shipper, since it holds its color well. Much used by both Southern and Northern growers. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

### HYBRID PAYS WELL

"Enclosed find money order for the seeds requested on the order sheet attached. I am proud to tell you that your Hybrid cucumber is an excellent variety, always a top-price getter and an easy seller".

Felix Jagielski, Holland, Ohio

## CUCUMBERS CONTINUED

Sunny  
South  
Cucumber



**IMPROVED WHITE SPINE (Arlington)** A very productive white spine type of good length (seven to eight inches). The color is very dark green, with a slight white marking at the blossom end. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**DAVIS PERFECT** One of the very best cucumbers, having fruit seven to nine inches in length, slightly over two inches in diameter. The color is a very dark green, the flesh solid and of good quality. The seed cavity is very small. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**FORDHOOOK FAMOUS** One of the largest of the white spine family. The fruits grow to be as much as 12 inches long, the color is excellent, and the quality the best. It stands shipment well and keeps its color. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**IMPROVED LONG GREEN OR LONDON** This is known in some localities as Mustard cucumber. It is the longest of the white spine type, growing 12 to 14 inches in length. Slightly warty. A fine second early or main crop sort, with rich green color and fine quality flesh. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**SUNNY SOUTH "It Stays Green"** This cucumber has a perfect shape, dark green color, and is early, productive, and a fine shipper. The fruit is not as long as Woodruff's Hybrid, being seven to eight inches. This variety is used very extensively in the South, and has proved its value on many types of soil. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**LONGFELLOW** An unusually long and attractive cucumber, which naturally will not yield as many cucumbers as some of the small varieties. It will average under good conditions 12 to 15 inches in length, which should compensate for the lower yield. Pkt., 10c; oz., 30c; 1-4 lb., 90c; lb., \$3.00.

**KLONDIKE** A dark green variety of the white spine type, which holds its color well. Length 6 to 7 inches or more. It is very early, prolific and hardy. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**JAPANESE CLIMBING** An unusual type which climbs well on a trellis. The cucumbers are 10 to 12 inches long, have a smooth dark green skin which turns brown when ripe, sometimes being netted. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### PICKLING VARIETIES

**CHICAGO PICKLING** An excellent pickling sort, very similar to Green Prolific or Boston Pickling, though perhaps longer and not as thick. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**EARLY RUSSIAN** A small pickling sort, growing to about three inches in length and an inch and a half in thickness. Very productive and of fine quality. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**WEST INDIA GHERKIN** A very small fruited variety, grown for pickles only. It should be used while very young. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**BOSTON PICKLING** An exceedingly productive and popular pickling variety, the fruits of which, when fully developed, are about six inches long and  $2\frac{1}{2}$  inches thick, thus being somewhat shorter and thicker than other varieties. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**EARLY CLUSTER** A very early pickling variety, being some 5 inches in length and two inches in diameter. Bears heavily. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**GREEN PROLIFIC** A very prolific and popular pickling variety. The cucumbers are short, smooth, symmetrical, and of a bright green color. The quality is excellent, and, as the name implies, it is very productive. It is early in maturity. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

## EGG PLANT

**Culture** Thrives in a rich, warm sandy soil. Start the seed in the hothouse, and transplant into boxes or small pots. Set out in the open after the middle of May, in rows three feet apart and two feet in the row. Egg Plants will not stand frost. An ounce of seed is enough for 1000 plants; four ounces per acre.



Black Beauty Egg Plant



Extra Early Long  
Purple Egg Plant

**BLACK BEAUTY** Produces large egg shaped or bulbous fruit of fine color and quality. Has no spines, and is the earliest. Without doubt the most popular variety. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**NEW YORK SPINELESS** A spineless, purple fruited sort. Productive and of excellent quality. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**FLORIDA HIGH BUSH** Plants are large and high, usually bearing the fruit well off the ground. Similar to New York Spineless, spineless but not dark colored. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**EXTRA EARLY LONG PURPLE** A very early and productive variety with fruit eight inches long and about 2½ inches thick. The color is very dark purple, almost black, and very smooth. It is difficult to find a good strain of this variety, and we have been very fortunate in obtaining our stock. It has pleased the most critical market gardening trade. Pkt., 10c; oz., 50c; 1-4 lb., \$1.75; lb., \$6.00.

## ENDIVE

**Culture** Sow for early use about April 15th, or for main crop, in June or July. Sow seed in rows 14 to 20 inches apart, and when well established, thin to one plant per foot. When nearly full grown, blanch by tying the leaves together. One ounce of seed for 150 feet of row; 4 or 5 pounds per acre.



Large Green Curled Endive

**BATAVIAN BROAD LEAF (Full Heart)** Or Escarole. The leaves are large and broad, the heart being very full. The leaves are slightly wrinkled, and while the plant may be blanched, it is usually used as a salad. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**LARGE GREEN CURLED (Red Ribbed)** Finely cut, dark green, curly leaves, which give the plant a feathery appearance. It blanches to a beautiful creamy white. One of the best salads. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**WHITE CURLED** A slightly earlier variety, similar to Green Curled, but of a light green color. It blanches well and has a fine flavor. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**FRENCH ENDIVE** See Witloof Chicory, page 7.

## KALE OR BORECOLE

**Culture** This vegetable is grown for use as greens. Seed may be sown in April or May in rows two to three feet apart, and if large plants are desired, thinned to two feet apart in the row. Where the climate is not too severe, it may be sown (for spring use) any time up to October, as it will winter over if protected by a covering of hay or some coarse litter. The quality is improved rather than injured by frost. An ounce will sow 500 feet of row, a quarter pound per acre.

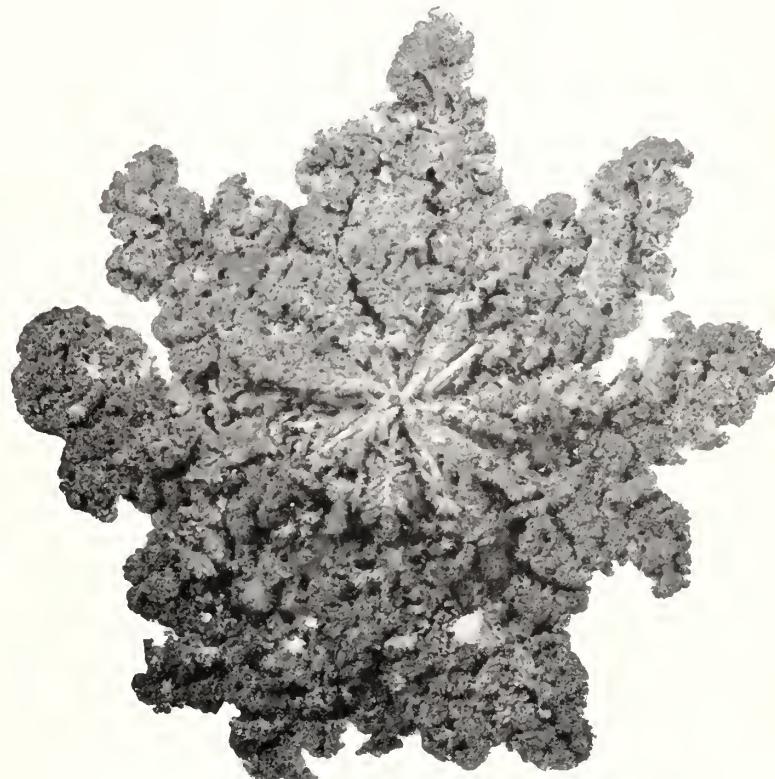
**SPECIAL DWARF GREEN SCOTCH** This stock is Long Island grown, and produces the finest plants imaginable. The leaves are extremely curly, and very dark green in color. The plant has the very desirable double-deck, and withstands frost. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

**DWARF CURLED SCOTCH** This is a very fine stock of the variety as usually sold. It is a low spreading type, with dark green curly leaves. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.50.

**TALL SCOTCH** A tall strain of curly, dark green kale, the stems being about three feet tall. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.50.

**BLUE SCOTCH** Similar to Dwarf Green Curled Scotch as to curliness, height of plant and double deck, but has a bluish-green color that is distinctive. This variety is in great demand in certain sections. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25; lb., \$4.00.

**DWARF SIBERIAN** Also called True German Sprouts, or simply Sprouts. This is a particularly hardy variety and will stand the winter well. The leaves are not nearly as curly as the Scotch types above. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.



Special Dwarf Scotch Kale

## FENNEL OR FINOCCHIO

**Culture** Sow the seed early in the spring in rich, well prepared soil, thinning to ten inches in the row. The plant should be earthed up when about half grown, and treated somewhat like celery. An ounce will sow 75 feet of drill. Eight to ten pounds per acre.

**FLORENCE OR ITALIAN** This is an Italian vegetable now grown quite extensively in the United States. It is easily grown and matures quickly. The lower stalk resembles celery, and is often eaten in the same way, but has a decided flavor of anise. In fact, the plant is sometimes called anise. Particular growers will find our stock very superior. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.50.

**SWEET FENNEL** is listed under "Herbs", page 12.

## OKRA OR GUMBO

**Culture** Sow after the ground is warm in rows three feet apart, covering the seed an inch deep. Thin to 12 to 18 inches in the row. Okra is used in soups and stews, and very popular in the South. No garden should be without some. One ounce to 75 feet; 8 pounds per acre.

**PERKINS MAMMOTH PODDED** A tall growing okra with pods large and long, with a fine green color. Probably the most used variety. Matures in 60 days. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**DWARF GREEN** Grows a smaller plant than the Perkins, but the pods are fully as large and a handsome dark green color. Matures in about 50 days, or 10 days earlier than Perkins. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**WHITE VELVET** Superior tenderness and flavor. The pods are round, smooth and light green in color. Matures in about 55 days. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

## KOHL RABI

**Culture** A turnip-cabbage flavored plant which forms a bulb above ground, on a cabbage-like root. Culture is like cabbage, and should be used when young and tender.



Early White Vienna

**EARLY WHITE VIENNA** A very fancy strain of the extra early short topped sort. This variety is considered the finest of all, either for forcing or for field use. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

**EARLY PURPLE VIENNA** The bulb and leaves have a purplish color, but it is otherwise the same as the Early White Vienna, though a few days later in maturing. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

## LEEK

**Culture** This is a member of the onion family, but considered by many to have superior flavor. Sow early in the spring in drills 12 to 15 inches apart, covering one-half inch deep. Later transplant 2 to 3 inches apart in the row. Should be blanched by earthing them up like celery before using. One ounce of seed for 200 feet of drill; 4 to 5 pounds per acre.

**AMERICAN FLAG** A hardy, strong growing and productive leek, very well known and popular in this country. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

**DOBBIE'S INTERNATIONAL** Probably the most used by market gardeners. It is a very large leek, bleaching 12 inches or more. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

**LARGE MUSSELBURG** A good exhibition sort, having large broad leaves. Stands a long time in condition for use, and of excellent flavor. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

**ITALIAN MAMMOTH** A much used variety of leek, which grows unusually large. It has a stalk that is both thick and tall, bleaching as much as twelve inches. It has the good quality of standing a long time in good condition, and is one of the most attractive in appearance. The leaves are large and broad. A great majority of the Italian market gardeners on our books prefer this variety to all others they have tried. Pkt., 10c; oz., 30c; 1-4 lb., \$1.; lb., \$3.



American Flag Leek



Italian  
Mammoth  
Leek

# LETTUCE

**Culture** Leaf lettuce thrives on nearly any soil, but a rich and well cultivated soil is required for successful growing of the heading varieties. Lettuce is quite hardy, and seed may be sown early in the spring. Ordinary or occasional frost seldom harms the plants. Seed may also be sown in hotbeds, and the plants transplanted after having been hardened by exposure to the air. An ounce will sow 150 feet of drill; 5 pounds per acre.

## HEADING VARIETIES

**BIG BOSTON** After all, this is still the most widely grown of all heading sorts. Our stock is a very fine strain for forcing or for the open field. It is grown by us, and we have never had to urge a customer to use it a second time. Many of our lettuce growing customers tell us it is the finest they have ever seen. Selected by a lettuce expert and kept pure, it produces fine, large heads of bright green color. It is an especially good shipper. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

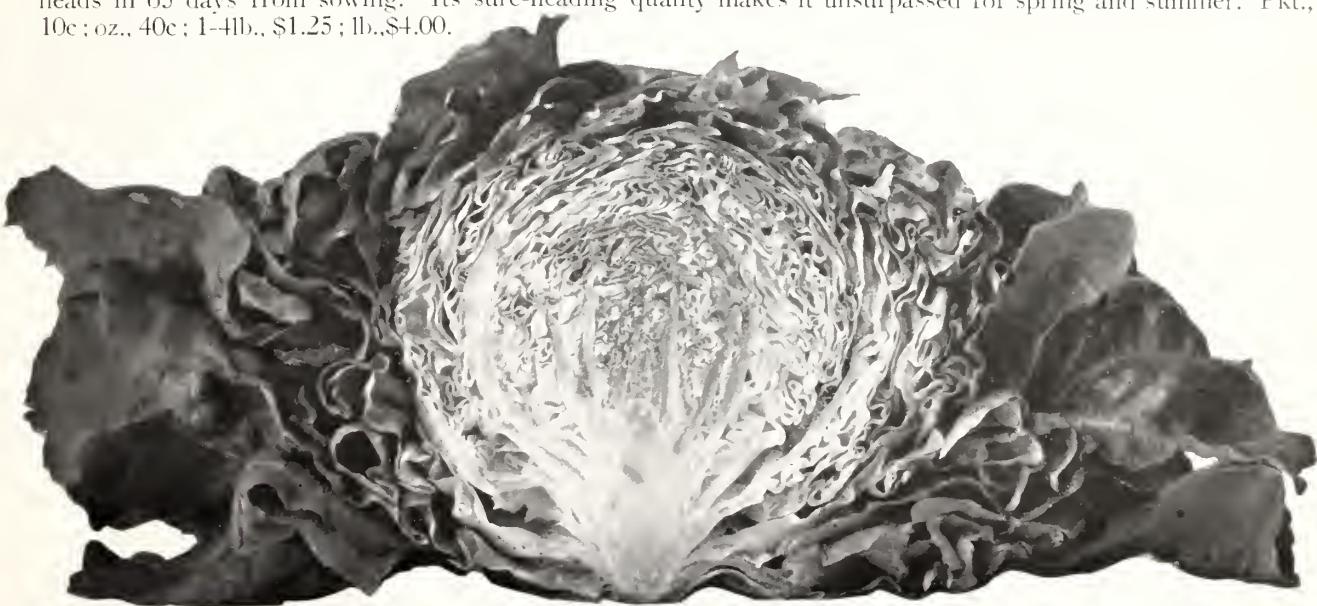
**SPECIAL WHITE BOSTON** Very similar in most characteristics to Big Boston, but has the advantage of not turning red from either frost or heat. It is also a lighter green color, and has not the red tinge found in Big Boston. This is our own special strain that withstands hot weather well and heads early. Very popular for cold frames and either spring or fall planting in the field. Pkt., 10c; 20c; 1-4 lb., 60c; lb., \$2.00.

**SPECIAL J** An improvement over Big Boston, which it resembles, in that it is quite free from bottom rot and tip burn. It grows higher from the ground, and forms a very solid head. It is especially fine for Spring sowing out of doors, and stands a long time before shooting to seed. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.

**NEW YORK No. 12** This is the product of a single plant selection and the result of many year's work. It is a pronounced improvement over other types of New York, as it is earlier, makes large, solid heads of the flat type, and is remarkably uniform in maturity. Several fields have produced a nearly 100% cut of U. S. No. 1 heads in 65 days from sowing. Its sure-heading quality makes it unsurpassed for spring and summer. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.



Special White Boston



New York No. 12, Showing Cross Section

# LETTUCE

## HEADING VARIETIES CONTINUED

**BLACK SEDED BIG BOSTON** Very fine for fall or winter sowing in cold frames, and is in our opinion the best for transplanting. Grows a fine head with a large frame, and matures very uniformly. This is one of our very fancy stocks. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

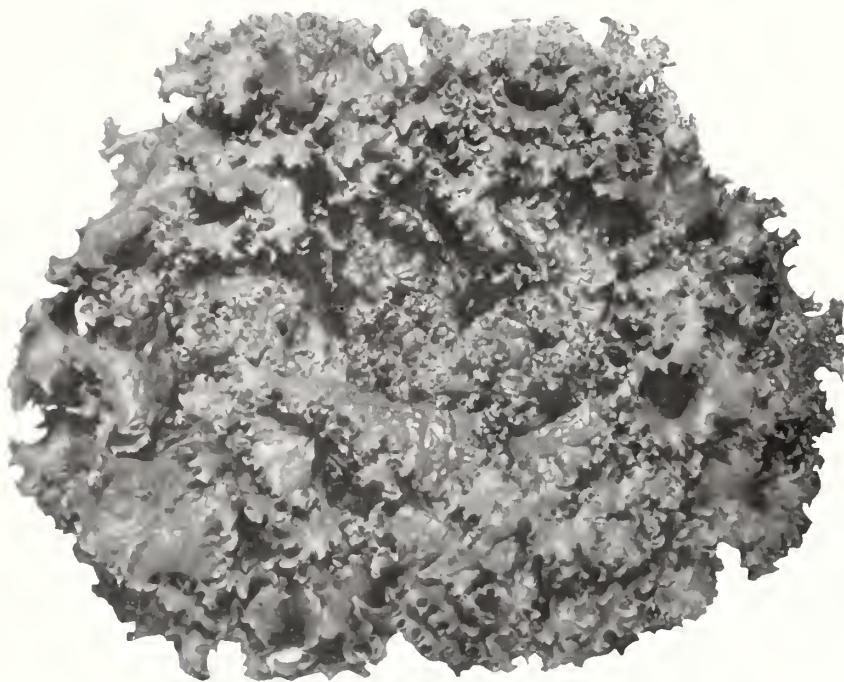
**BLACK SEDED TENNIS BALL** Very fine for growing during any season. The heads are large and nearly round, the leaves a medium green, with a fine golden yellow heart. This is one of the old standard varieties, and is very largely used. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**IMPROVED SALAMANDER** One of the most popular sorts for resisting heat, and in characteristics similar to Black Seeded Tennis Ball. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**NEW YORK or WONDERFUL** This variety, related to Iceberg, produces heads of unusually large size, frequently weighing from 3 to 4 pounds, and nearly as solid as cabbage. It blanches itself naturally, is crisp, tender and of excellent flavor, always free from bitterness. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

**MAMMOTH BLACK SEDED BUTTER** A smooth leaved sort which forms very large, compact heads. The leaves are thick, yellowish green, the heart a golden yellow. Noted for crispness and tenderness. It is especially fine for fall crop. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**ICEBERG** No lettuce surpasses Iceberg in quality. The heads are very solid and of medium size, with few green outer leaves. The heart is very crisp and delicious, blanching naturally to almost white. Pkt., 20c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.



Grand Rapids Lettuce

**MARKET GARDENERS' PRIVATE STOCK** Valued as a main crop sort which makes a large solid head and withstands heat well. Will not shoot to seed as soon as some varieties. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**IMPROVED HANSON** This variety is excellent for mid-summer planting. It is a sure-header, light green in color, with a solid well blanched heart. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**NEW EARLY MAY KING** An early sort which produces handsome compact heads of medium size. The outer leaves are light green edged with red, the heart a light yellow. Our strain is an improved one which does equally well under sash or in open ground. Pkt., 10c; oz., 20c; 1-4 lb., 85c; lb., \$3.00.

## CURLED OR LOOSE HEADED VARIETIES

**GRAND RAPIDS** A very fine strain of the old standard loose leaf curly variety for forcing or out door use. It stands high temperature and will not wilt quickly after cutting, and consequently a good shipper. The plants make a compact bunch of light green leaves which are frilled at the edges. An excellent sort for green-house forcing to supply the winter markets. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**WHITE SEDED SIMPSON** Called also Early Curled Silesia. A quick growing, hardy loose-heading sort, producing light green leaves, crumpled and fringed at the edges. Very fine for spring and early summer use. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**BLACK SEDED SIMPSON** Another very fine loose-heading variety, with light green leaves, very crisp and of excellent quality. Particularly suitable for spring use. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**PRIZEHEAD** Medium sized plant composed of many curled leaves. The leaves are bright green, well bronzed at the edges. It is a fine home garden lettuce, grows quickly and has fine flavor. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

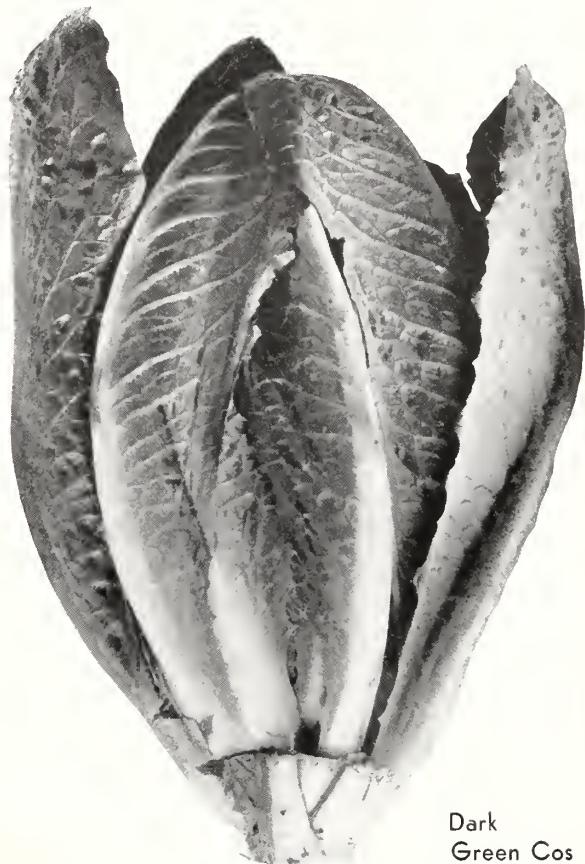
## ROMAINE OR COS LETTUCE

**Culture** The Cos or Romaine types of lettuce are distinguished by their long, narrow, spoon-shaped leaves. They are used largely for salads, and as such are highly esteemed. The quality is quite different from other sorts of lettuce, and is considered by many to be very superior. Sow all during late spring and early summer. It thrives best during cool, moist weather. If large plants are desired, thin to 8 to 10 inches in the row.

**PARIS WHITE COS** A large variety, of extra fine quality. It is the most popular sort of romaine, for either home or market gardens. Somewhat lighter in color than Dark Green Cos. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**DARK GREEN COS** One of the finest of the romaine types, being a fine dark green color, harder than most varieties, and will head under almost any conditions. Fast displacing the other types of cos lettuce among market gardeners. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**TRIANON COS** Similar to Paris White Cos, but with smaller heads. It is a fine uniform type which will form complete, well blanched firm heads. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.



Dark  
Green Cos



Italian Dandelion (Cicoria Catalogna)

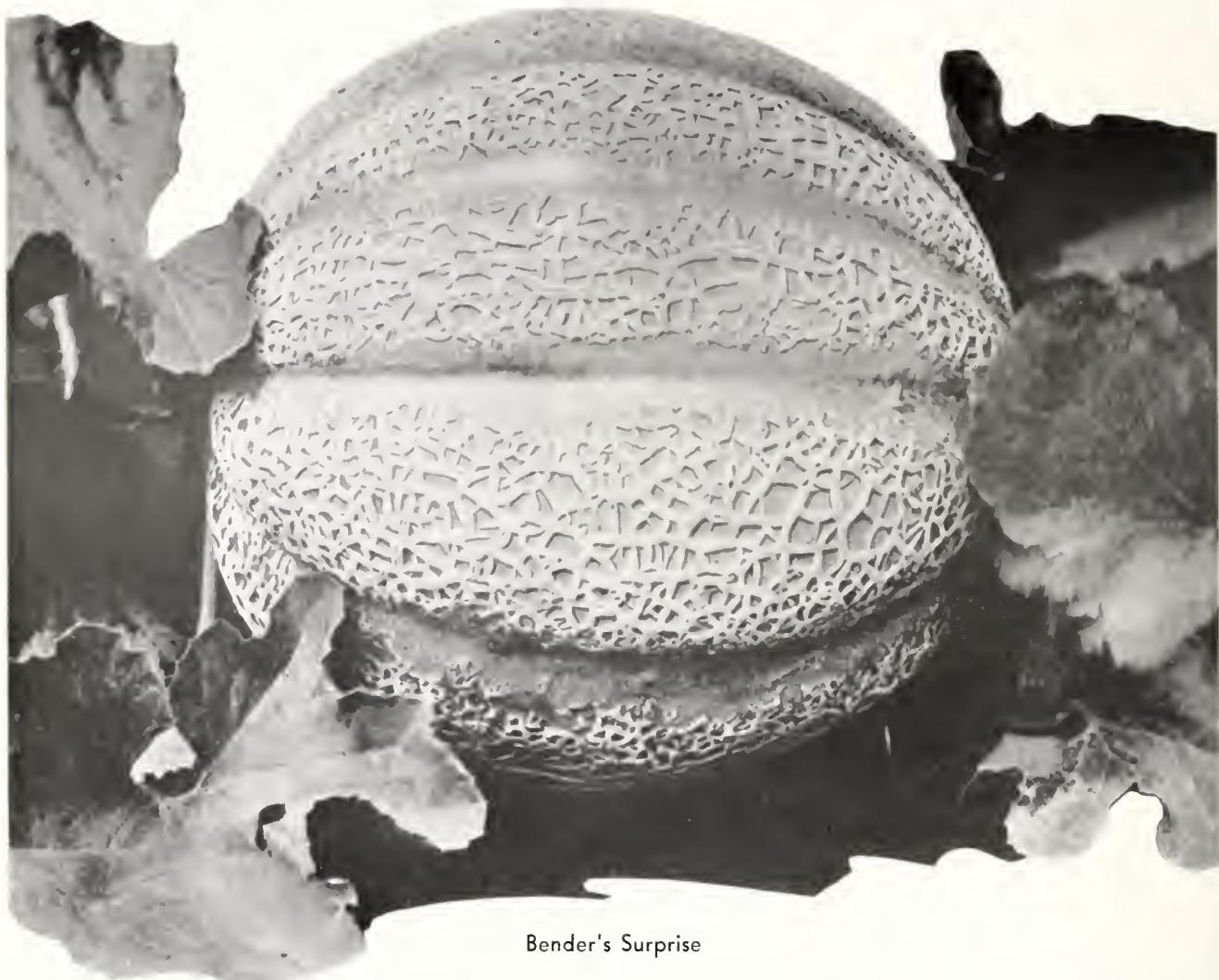
## DANDELION

**Culture** For very early greens, it is customary to sow dandelion seed in July, allowing it to winter over. Sow in rows about a foot apart. May also be sown in the same manner in the early spring. About 6 pounds per acre; one ounce to 100 feet of row.

**ARLINGTON THICK LEAF** This seed is grown on our own farms in Milford, and will produce plants larger and more stocky than the cheaper imported seed. The seed itself is heavier and of better germination than foreign seed. Pkt., 10c; oz., 50c; 1-4 lb., \$1.75; lb., \$6.50.

**COMMON FRENCH** A fine large leaved variety imported from France Pkt., 10c; oz., 35c; 1-4 lb., \$1.00; lb., \$3.00.

**ITALIAN (Cicoria Catalogna)** Also called Asparagus Chicory. A favorite in Italy, and now grown in large quantities in this country. A member of the chicory family. The fresh green shoots are boiled in salt water and served either hot or cold, having a slight asparagus flavor. May be cut several times in a season, as new shoots appear after each cutting. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.



Bender's Surprise

## MUSKMELON OR CANTALOUE

**Culture** A rich, sandy loam is preferable for muskmelons. Sow 10 or 12 seeds in a hill, the hills being four to six feet apart each way depending on the vigor of the variety. Cover the seeds with about an inch of soil well firmed down. Thin the plants when they begin to crowd, leaving four of the best plants in each hill. Frequent but shallow cultivation until the runners interfere is necessary. Beetles may be kept off by dusting with air-slaked lime, being careful not to use so much as to injure the vines.

### SALMON FLESHED VARIETIES

**BENDER'S SURPRISE** Without doubt one of the finest flavored melons we have ever eaten; and we recommend it very strongly. When ripe, the skin is a light greenish yellow, the flesh a very deep salmon. Slightly oval in shape, with coarse netting. The vines are very productive, maturing fruit in about 80 days. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

**SUGAR ROCK (or Honey Rock)** This is a new and unusually fine melon. Sweet as sugar and solid as a rock. It has four main points of superiority: quality, productiveness, ability to stand shipping, and appearance. Its flavor and quality are the finest we have ever seen, the flesh being a very deep salmon color right out to the very rind. Under good growing conditions it is a very heavy yielder, often producing five to seven perfect melons on one vine. Its rind is unusually hard, making it a good shipper. Pkt., 10c; oz., 25c; 1-4 lb., 60c; lb., \$2.00.

**HEARTS OF GOLD** A medium sized, ideal shipping melon, and very fine for the home garden. The vines are vigorous and productive. The melons are nearly round, finely netted; the flesh is very thick, firm and of excellent flavor. The rind, though thin, is tough. Pkt. 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

# MUSKMELON

## SALMON FLESHED CONTINUED

**FORDHOOK** Well known for its sweet flavor. A melon of flattened shape, with broad ribs and an attractive netting. The flesh is a bright orange color, fine grained and of delicious flavor. It is a standard variety in certain melon sections, and for the home garden it is exceptionally fine. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**OSAGE or MILLER'S CREAM** An excellent main crop sort, medium to large in size. Melons are slightly oval, dark green, slightly ribbed and partly covered with shallow gray netting. The flesh is very thick, firm, fine textured, of excellent flavor. The color of the flesh is a dark salmon pink. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**HALES BEST** A salmon fleshed Rocky Ford. A new and remarkably early melon of the Rocky Ford type, with very thick and finely flavored salmon flesh. The melons are oval, slightly ribbed, and heavily netted. It is a fine shipper and commands a good price. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**EMERALD GEM** A medium sized melon of slightly flattened shape. The flavor and general quality are excellent and it is one of the best early sorts for the home garden or nearby markets. It is not a good shipper. Deeply ribbed and lightly netted, with a small seed cavity. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**LAKE CHAMPLAIN** Probably the earliest of the salmon flesh melons, though not a long distance shipper. The flesh is a golden yellow color, very sweet and tempting. It is medium sized, ribbed and nicely netted. Pkt., 10c; oz., 20c; 1-4 lb., 75c; lb., \$2.00.

## GREEN FLESHED VARIETIES

**ROCKY FORD** The famous profitable market garden sort. Very productive, uniform in size and shape, being slightly oval. The skin is a greenish gold when fully ripe, the netting fine and prominent. The flesh is very deep, light green, and edible right down to the thin rind. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**EXTRA EARLY KNIGHT** Nearly as early as Jenny Lind, oval in shape, and covered with a close gray netting, and distinctly ribbed. The green flesh is fairly thick and of very fine flavor. The melons medium in size, and are recommended for either the home or market garden. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**EXTRA EARLY HACKENSACK** This is the earliest of the large melons. It is round, but flattened on the ends and well ribbed. The skin is netted and the green flesh has good flavor. It is an old standard variety. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**LARGE EARLY HACKENSACK** Similar to Extra Early Hackensack, but slightly larger and later. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**HONEY DEW** This is a melon of the Cassaba type oval in shape, and with a smooth lemon tinted skin. It is one of the sweetest melons, but is very late. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**JENNY LIND** This is the earliest of the green fleshed sorts, and one of the sweetest. The flesh is light green and deep. The rind is thick, and consequently the melon is a good shipper. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.



**Sugar Rock (See Page 28)**

## WATERMELON

**Culture** Watermelons do best on a rich, rather sandy soil, but a well-drained loam with southern exposure is nearly as good. Seed should not be planted until the weather is quite warm. Place six to eight seed in a hill, six to eight feet apart each way. Cover one half inch deep. An ounce will plant 25 to 30 hills; 4 to 5 pounds per acre.

**COLE'S EARLY** A very early home garden variety, nearly round and of medium size. The rind is dark green, striped with lighter green. Excellent quality. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**HALBERT HONEY** A long melon of very fine dark green color. The flesh is of fine dark crimson and excellent flavor. Quite a favorite in the South. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**SWEETHEART** Medium early and large, oblong size. The rind is light green and very tough. A fine shipper. The flesh is bright red and very sweet. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**EXCEL** A very large, oblong melon, with a dark green, very tough rind, which makes it a fine shipper. Flesh is crisp, deep red, solid and sweet. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**TOM WATSON** A very superior shipping melon of large size. The melons are 18 to 24 inches long and 10 to 12 inches in diameter. Average weight is about 50 pounds. The thin rind is very tough. Flavor delicious. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**GEORGIA RATTLESNAKE** A very long, light green melon, the rind thin and tough, making it a good shipper. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**IRISH GRAY** An unusually tough rind makes it stand almost any shipping abuse. The rind is a mottled greenish gray, the flesh is red, crisp and sweet. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**ICE CREAM OR PEERLESS** A nearly round melon of superior quality for local markets or the home garden. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**FLORIDA FAVORITE** One of the best and earliest large size watermelons suited to culture in the North. It is valuable both for home gardens and market, though particularly fine for the former. Ripens early, has dark green rind striped with light green. The flesh is light crimson, exceedingly sugary, fine grained and tender. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.



Cole's Early



Stone Mountain

**STONE MOUNTAIN** A new round watermelon, with slight ribs like a muskmelon, and a light green skin. The flesh is a fine deep crimson, very sweet and free from white hearts and stringiness. Average weight about 45 pounds. The rind is too tender for long distance shipping, but the melon is excellent for local markets. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**KLECKLEY SWEETS** One of the most popular large early melons. The shape is oblong, with a dark green rind. The quality is very fine, but it is not a good shipper. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

# WATERMELON

CONTINUED

**WONDER MELON** A comparatively new variety, and one of the finest flavored melons in existence. It is very productive, growing a large crop of big, dark glossy green melons. The rind is rather thin, but satisfactory for short hauls to nearby markets. It will sell to good advantage in any market. Grows long and thick, the flesh a deep red, sweet and juicy. Matures in about 85 days. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**MOUNTAIN SWEET** Fairly early, medium to large size. The rind is very dark green and the flesh of good color and quality. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.



Tom Watson Watermelon

# SWEET PEAS

**Culture** May be sown in either very early spring, or in the fall. If sown in the fall, sow late enough so the plants will not appear above the ground before the ground freezes. Manure and water must be used freely if good sweet peas are desired. Manure should be applied after a heavy rain or watering.

**SPENCER MIXED** This is a fancy mixture of large flowered Spencer types, grown by ourselves. A very attractive result is obtained from using this mixture, as the color range is wide and well proportioned. Be sure to include this mixture with your seed order. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

**ECKFORDS MIXED** A well-balanced mixture of the Grandiflora type, which we grow ourselves. Pkt., 5c; oz., 10c; 1-4 lb., 20c; lb., 65c.

## STRAIGHT COLORS

The following straight colors are Spencer types of the best quality and finest flowers. They are necessarily higher in price than the older and smaller flowering varieties, but they will produce larger and more beautiful blooms. Each variety: Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.75.

**AUSTIN FREDERICK IMP.** Lavender

**MRS. TOM JONES** Blue

**MISS CALIFORNIA** Salmon-pink

**CAMPFIRE** Scarlet

**HEBE** Bright Pink

**KING WHITE** White



# THREE OF WOODRUFF'S FAMOUS ONIONS

## EARLY YELLOW GLOBE

1931 INTRODUCTION

Positively the earliest yellow globe onion.

This is our latest introduction, and it is a new variety, not merely another name for an old variety. This is a fine globe shaped onion with a beautiful yellow color. Further, it is a splendid winter keeper, and will stand storage better than most early sorts, as its skin is very thick. As to maturity, it can be put on the market fully three weeks earlier than the Danvers or Southport strains of yellow globe, and yields very heavily. Our supply of this seed will be limited for 1931 delivery, but we shall endeavor to fill orders in turn as long as our supply lasts. Pkt., 15c; oz., 35c; 1-4 lb., \$1.00; lb., \$3.00.



Early Yellow Globe



Japanese

## JAPANESE

Introduced by Woodruff in 1916

We are justly proud of this onion which has proved to be the best yellow onion for sets, of which we grow and sell scores of carloads each year. The bulb is yellow, rather more flat than globe, and a very good keeper. Pkt., 10c; oz., 20c; 1-4 lb., 70c; lb., \$2.25.

## EXTRA EARLY YELLOW

Introduced by Woodruff in 1924

This has proven one of the most popular onions we have ever listed. In fact, we have difficulty in producing enough seed to meet the demand. This is a special stock of semi-flat yellow onion, which we grow on our own ranches. It ripens very evenly, and is ready for market about the same time as onions grown from sets. Recommended where "thrip" damages late crops. Not recommended as a storage onion. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

# ONION SEED

**Culture** Sow in rich, well drained soil early in the spring, and cover a half inch deep. When large enough, thin out to allow plenty of room for growth, as nice bulbs will not grow if crowded. An ounce will sow 200 feet of row; 6 pounds per acre, although 10 or 12 pounds may be used on ground where onions have been grown steadily for years.

**PRIZETAKER** This grows a very large bulb, weighing in some cases as much as 4 pounds. Its color is a light straw color, and grows to a uniform shape, which is almost a perfect globe. About 100 days to maturity. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**MOUNTAIN DANVERS** Without doubt this new onion is one of the best ever introduced. Many of our customers will grow no other yellow globe onion. It is flattened slightly, but is a globe type. The color is a beautiful dark yellow, and the skin is thick, making the onion a very fine one for storage. It is unusually solid, and matures quite early, being ready in about 100 days from sowing the seed. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**RIVERSIDE SWEET SPANISH** This variety is largely grown in the Southwest. It is the large Spanish type, globe shape, bright golden yellow. The flavor is very mild, and the shape very uniform. Very high yields may be expected from this variety. Pkt., 10c; oz., 25c; 1-4 lb., 85c; lb., \$3.00.



Mountain Danvers



Extra Early Yellow (See Page 32)

**YELLOW GLOBE DANVERS** This is an old standard yellow globe onion, and a fine winter-keeper. Our strain has been carefully selected for years and is of our own growing. In shape, color, and productiveness it cannot be surpassed. More onion growers use this variety than any other for large production. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**SOUTHPORT YELLOW GLOBE** A large size globe onion of excellent keeping quality, and long a popular variety. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.75.

**YELLOW DANVERS FLAT** An old familiar flat variety with light yellow skin, solid white flesh, and mild flavor. Early and productive. Pkt., 10c; oz., 15c; 1-4 lb., 45c; lb., \$1.50.

**YELLOW STRASSBURG** An early, yellow flat variety, used largely for growing the ordinary yellow sets. Pkt., 10c; oz., 15c; 1-4 lb., 45c; lb., \$1.50.

**AILSA CRAIG** A large, globular onion with pale yellow skin. The flavor is mild and the yield large. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

# ONION SEED

## CONTINUED

### WHITE SORTS

**SOUTHPORT WHITE GLOBE** The most popular winter-keeping white onion. It has a fine globe shape, a silvery-white color. The flavor is excellent. This variety may also be used as a bunch onion if a large, straight neck is desired. Matures in about 120 days. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

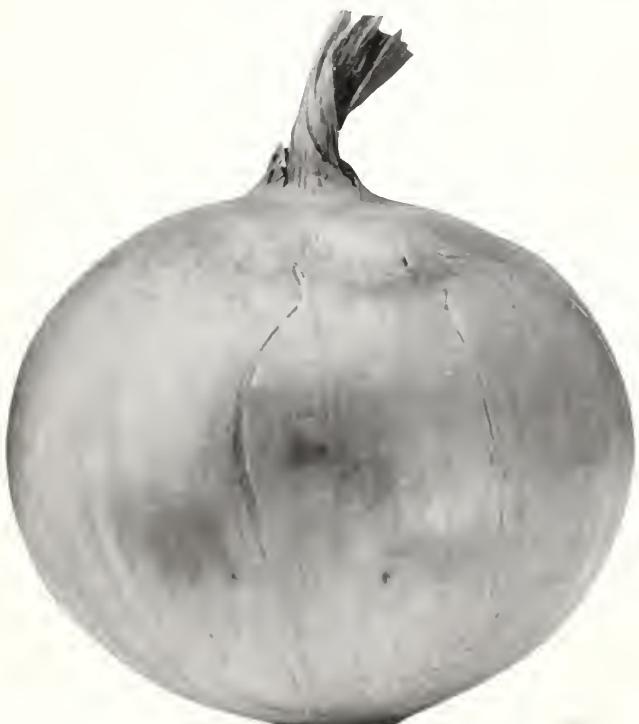
**WHITE PORTUGAL or SILVERSKIN** A beautiful silvery-white onion of flattened shape. Keeps well in winter, and is largely used also as a bunching onion, or for pickling. May also be used for sets. Mature in about 95 days. Pkt., 10c; oz., 20c; 1-4 lb., 70c; lb., \$2.25.

**EARLY BARLETTA** A very fine, flattened, pickling onion. It is early, maturing in 65 days. The color is a waxy-white, and it keeps well. Our strain is a thoroughly dependable one. Pkt., 10c; oz., 20c; 1-4 lb., 70c; lb., \$2.25.

**WHITE QUEEN** Known in the South as White Pearl. It is one of the finest pickling and bunching onions, having a pure white papery skin. It matures in about 65 days. Pkt., 10c; oz., 20c; 1-4 lb., 70c; lb., \$2.25.

**HARDY WHITE WINTER** The finest white onion for bunching, and "buttons up" very early in the spring if sown in the fall. Will withstand winter-killing better than any known variety of white bunch onion. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

Hardy White  
Winter Onion



Prizetaker (See Page 33)

### RED SORTS

**LARGE RED WETHERSFIELD** A large, flat onion with purplish-red skin and white flesh. Has been a standard variety for many years. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.40.

**SOUTHPORT RED GLOBE** A perfect globe shaped red onion, with fine grained white flesh. Very hardy, and a fine keeper, maturing in about 120 days. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.75.

### BERMUDA TYPES

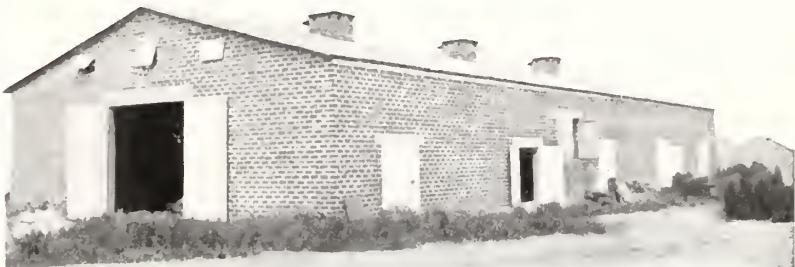
**YELLOW BERMUDA** This is also called White Bermuda, as the skin is a very pale straw color, the flesh white. Much grown in the South, where the seed sown in October matures in about six months. Ordinarily matures in about 115 days. Pkt., 15c; oz., 25c; 1-4 lb., 85c; lb., \$3.00.

**CRYSTAL WHITE WAX** A pure white Bermuda type onion of very fine appearance. Unusually mild flavor. Matures in about 115 days. Pkt., 10c; oz., 25c; 1-4 lb., 85c; lb., \$3.00.

WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES

# WOODRUFF'S ONION SETS

Woodruff's onion sets are famous. The reason is that we have grown them ourselves for so many years that our sets are unsurpassed. We grow them from Woodruff-grown seed and keep them in our own frost-proof storage warehouses until ready to ship, when they are given a final cleaning before shipment.



One of our 8 Frost-proof Onion Set Storage Warehouses, capacity 42,000 bu.

Quality and service have made us the largest retail onion set house in America.

In 1916 we introduced the **Japanese Onion Set**, which has yet to be equalled for producing a large crop of high quality onions for either storage or sale from the field. Many seed firms claim to have the true strain of Japanese, but onion growers of experience prefer to buy from the originators—Woodruff of Milford.

We operate our own onion set growing farms, and are in a position to quote in carlots, f.o.b., Illinois. The prices below are f.o.b., Milford, Conn., or Illinois, whichever is nearer.

Onion Sets	Lb. (Quart)	8 lbs. (Peck)	32 lbs. (Bushel)
JAPANESE	20c	\$1.00	\$3.50
YELLOW	20c	.90	3.00
RED	20c	.90	3.00
WHITE	20c	1.00	3.25

## WOODRUFF'S JAPANESE ONION SETS

There are reasons why we sell ten carloads of Japanese onion sets to one of the ordinary Yellow sets, in spite of the higher price of the Japanese. The two main reasons are, the quality of the onion and, above all other reasons, the comparative absence of seed stalks in fields of the Japanese sets. An onion which has a seed stalk (a "seeder") is not a desirable onion. The fact that the ordinary yellow onion sets produce many seeders means that the crop of high quality onions is materially reduced by the presence of these seeders.

Japanese onion sets are used in all of the large onion sections where onion sets are used in preference to onion seed. The growers are willing to pay a few cents more a bushel for them in order to be assured against loss of a large part of their crop by the presence of seeders.



Japanese Onions  
Grown from Woodruff's  
Japanese Onion Sets

## PARSLEY

**Culture** Sow in shallow drills in the early spring, rows 12 to 18 inches apart and  $\frac{1}{2}$  inch deep. Some growers soak the seed a few hours in lukewarm water before sowing. One ounce to 200 feet of row; five pounds per acre.



Hamburg Parsley

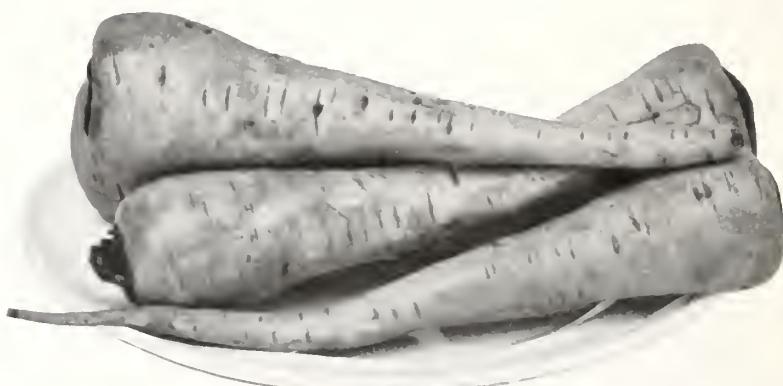
**MOSS CURLED** Grows to a height of about 8 inches. The color is a rich, dark green, and the leaves are finely cut. Used for garnishing and flavoring, though the Hamburg parsley is probably of superior flavor. This is by far the leading variety of curly parsley. Our strain is very fancy. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**DOUBLE CURLED** Similar to Moss Curled, but darker green in color and somewhat later. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**EXTRA TRIPLE CURLED** A select stock of dark green curly parsley with finely cut leaves; for garnishing. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**HAMBURG PARSNIP ROOTED** This variety has long tapering roots similar to parsnip roots, which are much used for flavoring soups, stews, etc. The leaves are like Plain Parsley. It is difficult to find a good strain of this variety, and we have a great many testimonials to the excellent quality of our Hamburg parsley. About three months to maturity. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**PLAIN LEAF** A non-curled parsley used more for flavoring than for garnishing. Sometimes called Italian parsley. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.



Hollow Crown Parsnip

**HOLLOW CROWN** The oldest and best known variety, the roots reaching a length of 8 to 10 inches. They are pure white, smooth and of excellent flavor, used both for the table and for feeding. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**WHITE MODEL** Generally considered an improvement over Hollow Crown, being of medium length, smooth, and pure white. The absence of side roots is a point in its favor. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

## PARSNIP

**Culture** For best results the soil should be loosened to a depth of ten inches. Sow before May 15th, as parsnips need a long season, requiring about 120 days to mature. Sow the seed in rows two to three feet apart, and later thin to four inches in the row. The roots may be left in the ground all winter. An ounce will sow 200 feet; 5 to 6 pounds per acre.

**HOLLOW CROWN** The oldest and best known variety, the roots reaching a length of 8 to 10 inches. They are pure white, smooth and of excellent flavor, used both for the table and for feeding. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**WHITE MODEL** Generally considered an improvement over Hollow Crown, being of medium length, smooth, and pure white. The absence of side roots is a point in its favor. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.



Gradus

## PEAS

**Culture** Sow in earliest spring, in rows  $2\frac{1}{2}$  to 4 feet apart, drilling the seed 1 to 2 inches deep. Smooth varieties may be sown earlier than wrinkled varieties. Peas for market are seldom bushed. In home gardens, the taller varieties may be sown in double rows 12 inches apart and supported with brush. One pound is enough for 100 feet of row; 2 bushels per acre. A quart weighs nearly two pounds. A bushel of smooth peas weighs 60 pounds; wrinkled peas, 56 pounds.

### EXTRA EARLY SORTS

**FIRST AND BEST** One authority has listed 50 names for this variety including Extra Early, Pedigree Extra Early, Early June and Morning Star. *Smooth seeded.* Average height of vine, 30 inches. Pods quite small, being about  $2\frac{1}{2}$  inches long, square ending, and pale green in color. Matures in about 50 days. Lb., 20c; 15 lbs., \$2.50; 60 lbs., \$9.00.

**ALASKA** *Smooth seeded.* Pods slightly more than  $2\frac{1}{2}$  inches long, straight, blunt, and of pale green color. A very popular pea among canners, and to some extent for very early garden peas. Vine about 30 inches high. Matures in about 50 days. Lb., 20c; 15 lbs., \$2.50; 60 lbs., \$9.00.

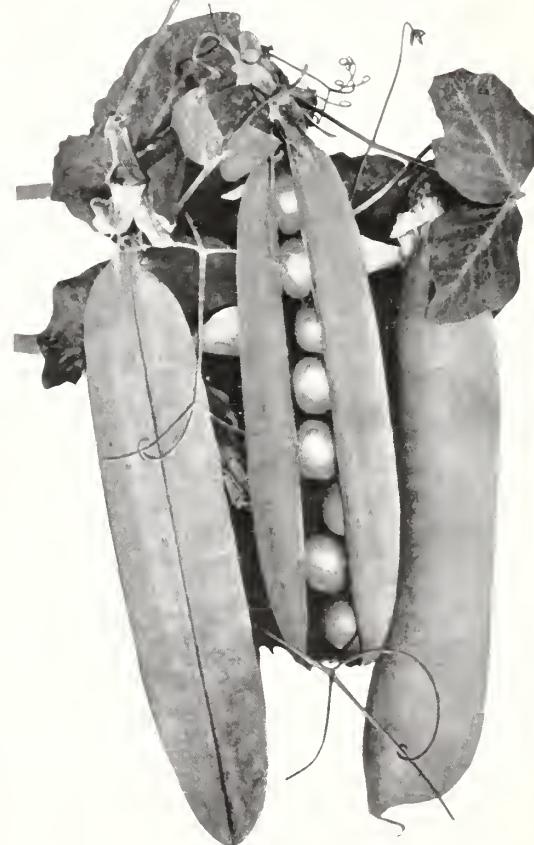
**LAXTON'S SUPERB or Early Bird** (*Semi-wrinkled seed*). Dwarf vine about 20 inches high, bearing large uniform pods about 4 inches in length, curved, pointed, and light green in color. Very fine for earliest home garden or market peas. Matures in about 52 days. Lb., 25c; 15 lbs., \$3.00; 60 lbs., \$10.00.

### EARLY SORTS

**EASY MONEY** One of the greatest peas we have ever offered, as it produces a large, plump, dark green pod similar to Gradus, but is ready five to ten days earlier. The quality is excellent and the yield is very heavy. One of its best points is the shipping quality of the peas. Many of our customers who have tried this pea for two years now grow nothing else. The vine is considerably short than Gradus. Lb., 30c; 14 lbs., \$3.25; 56 lbs., \$12.00.

**LAXTON'S PROGRESS** A new variety of great merit and popularity. The pods are large, 4 to  $4\frac{1}{2}$  inches long, and of a fine dark green color. Vines grow only 18 to 20 inches high, and bear a heavy crop of handsome pods. Being one of the earliest of the sweet wrinkled sorts, Laxton's Progress is in great demand everywhere. Matures in about 52 to 55 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**THOMAS LAXTON** One of the finest and most productive of the early garden varieties. Bears a heavy crop of dark colored, blunt pods, averaging  $3\frac{1}{2}$  inches in length. This has long been one of the greatest home and market garden sorts, as it not only has fine eating qualities, but its color is most attractive. Matures in about 55 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.



Laxton's Progress

# PEAS

## EARLY SORTS CONTINUED

**GRADUS** Grows a vine about 32 inches high, thickly set with large light green pods, about 4 inches long. The pods are pointed, and the peas have fine flavor and appearance when cooked. Used very extensively in many pea-growing sections. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**WORLD'S RECORD** Similar to Gradus, but a few days earlier and not quite as tall of vine, which reaches 30 inches. The pods are a beautiful light green color, pointed, and from 3½ to 4 inches long. A profuse yielding variety. Matures in about 55 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**PIONEER** An early dwarf pea of excellent quality and flavor. Vines 16 to 18 inches high, the pods 3½ to 4 inches long. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.



Mr. M. R. Webster of Clinton, N.Y., seems to be well pleased with his crop of Easy Money Peas grown from Woodruff's seed. The small farmer behind him is showing you that the vine is short.

**LAXTONIAN** Extra fine pea for either market or home garden, as its fine appearance is exceeded only by its remarkable flavor. In these respects it is similar to Laxton's Progress, and is only a few days later in maturity. The pods are long and large, dark green in color. The vine grows about 18 inches high and bears a large crop of uniformly large pods. Maturity is reached in about 57 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**PETER PAN** A dwarf vined pea of great merit. The pods are large and well filled, being about 4 inches in length. The vines are some 20 inches in height and vigorous. In many respects resembles Laxtonian, but preferred by some growers. Matures in about 57 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**LITTLE MARVEL** A productive variety growing about 15 inches high, with dark green pods about 2½ inches long. Matures in about 60 to 62 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**PILOT** *Smooth seeded.* Grows a vine about 40 inches high. The pods are long (averaging 4 inches), light green in color, and decidedly pointed. Matures for use in about 60 to 62 days. Lb., 25c; 15 lbs., \$3.00; 60 lbs., \$10.00.

**PREMIUM GEM** A dwarf variety, growing a vine 15 to 18 inches high. Generally considered an improvement over Little Gem. Very productive of handsome pods 2½ to 3 inches in length. The flavor is unusually sweet. About 60 days to maturity. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**AMERICAN WONDER** Very dwarf growing variety, with vines 12 inches high. Pods are small, about 2¼ inches, light in color. The quality and flavor are very good. Lb., 25c; 14 lbs., \$3.; 56 lbs., \$10.

**NOTT'S EXCELSIOR** A desirable pea for the home garden. Dwarf in habit, growing a vine 12 to 15 inches high. The pods are numerous and well filled, averaging about 2½ inches, and light in color. Matures in about 60 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**SUTTON'S EXCELSIOR** A larger pea in every way than Nott's, but hardly desirable for market gardeners, as the pods are too light to be very attractive. Vines are 15 to 18 inches high. The pods average over 3 inches in length, are broad and blunt. Matures in about 62 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

## PEAS

### LATER VARIETIES

**IMPROVED TELEPHONE** The outstanding late variety, and a distinct improvement over the old light colored Telephone. The vines grow nearly four feet high, and are very strong growing and productive. The pods are about 5 in. long, smooth, dark green in color, and pointed. Average of 8 peas per pod. Matures in 70 to 72 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**DWARF TELEPHONE** A semi-dwarf vined pea, growing about 2 feet tall. Pods are dark green, quite uniformly 4½ inches long, and pointed. Well adapted for either market or home gardens. Matures in about 72 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**ALDERMAN** A very fine large market garden pea for main crop use. Vines are 42 to 48 inches, pods long and dark green. Matures in about 72 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**PRINCE EDWARD** A late maturing main crop sort with a tall vine, often reaching four feet in height. Pods are dark green, pointed, and averaging 4½ inches in length. Matures in about 72 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

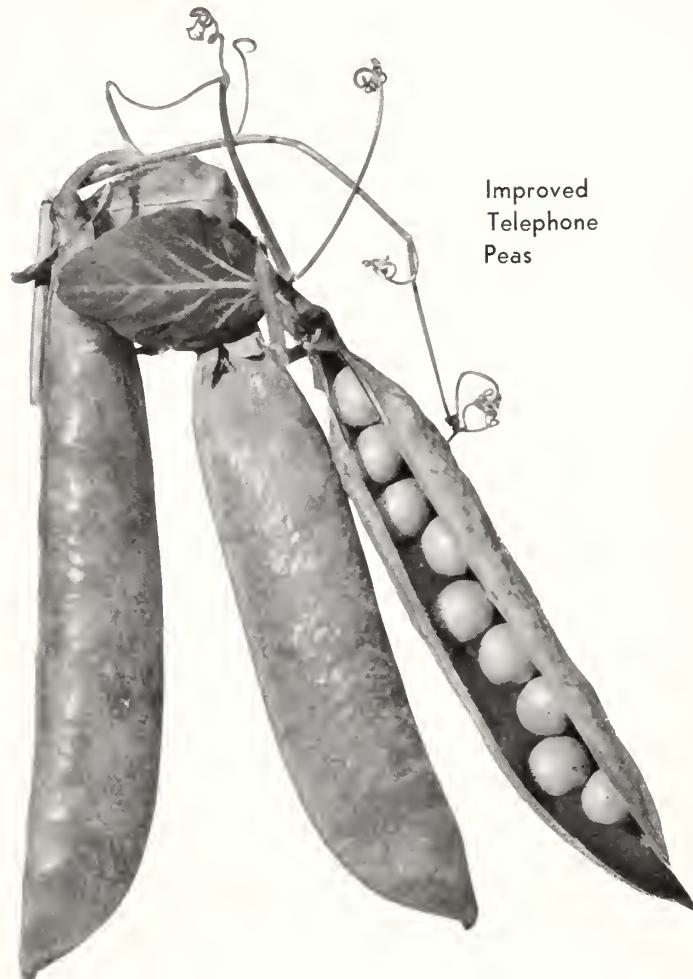
**CHAMPION OF ENGLAND** A very tall vined variety, averaging about 50 inches in height. The pods average about 3½ inches in length, are straight, and of medium green color. Well suited for either market or home gardens. Late, maturing in 72 to 74 days. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

**IMPROVED STRATAGEM** Known also as Potlatch. A medium-dwarf vine, about 2 feet high. Pods are large, generally about 4½ inches long, slightly curved, pointed, and of dark green color. Matures in about 72 days from sowing. Lb., 25c; 14 lbs., \$3.00; 56 lbs., \$10.00.

### EDIBLE PODDED SORTS

**MAMMOTH MELTING SUGAR** Excellent when cooked like string beans. The vines are very tall, reaching a height of 5 and 6 feet. The pods are over 4 inches long, and remain tender until quite mature. Should be gathered when the seeds are just beginning to form. 70 days. Lb., 30c; 15 lbs., \$3.50; 60 lbs., \$12.00.

**DWARF GRAY SUGAR** Earlier than the Mammoth, and with vines about 2 feet high. Matures in about 60 to 65 days. Lb., 30c; 15 lbs., \$3.50; 60 lbs., \$12.00.



#### BETTER BEET SEED

"The Detroit Dark Red Beet seed that you sent me was very fine. I think every seed came up, and I will send for more. Please send me your spring catalog stating what I can plant in the early spring".

Mrs. Annie McLean, Valrico, Florida.

"We bought seeds from your concern last year, and they were the best seeds we ever had. We had a wonderful crop and the largest we ever had for the amount of seed.

"Will you kindly send the enclosed order as soon as possible."

Mrs. Wm. Mesyna, Providence, R. I.

## MUSTARD



Giant Southern Curled Mustard

**Culture** This has long been a Southern favorite, but of late has become more popular, and rightly, in the North. It is used as a salad, and also as spinach. Sow the seed as early in the spring, as early as the weather permits, sowing thinly in rows about a foot apart. For late fall use, sow in August. An ounce sows 200 feet of drill; 4 pounds per acre. Ready in 30 days.

**GIANT SOUTHERN CURLED** The true curled variety, much used in the South, especially for late fall planting. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**FORDHOOK** A fine variety with dark green feathery leaves, on account of which it is also called Ostrich Plume. Mild flavor. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

**CHINESE** A smooth or plain leaved variety which grows quickly and has fine mild flavor Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 75c.

## NASTURTIUM

**Culture** A hardy annual easily grown. They prefer a fairly rich soil, but will grow more vine and leaves if the soil is too rich.

**DWARF MIXED** More popular than the tall sorts, as they grow only about a foot high and have a profusion of beautiful flowers. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 85c.

**TALL MIXED** Climbing ornamental type. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 85c.



## POTATOES

We offer the following varieties, f. o. b. Milford, cash with order. The prices quoted below are subject to market change. Let us quote you in carload lots, delivered to your freight station.

### SELECTED SEED

	60 lbs.	165 lb. bag
IRISH COBBLER .....	2.75	6.00
EARLY ROSE .....	3.00	6.50
GREEN MOUNTAIN .....	2.75	6.00
DELAWARE .....	2.75	6.00
DIBBLE'S RUSSET .....	2.75	6.00
SPAULDING ROSE .....	2.75	6.00

### CERTIFIED SEED

IRISH COBBLER .....	6.50
GREEN MOUNTAIN .....	6.50
SPAULDING ROSE .....	6.50
DELAWARE .....	6.50

## PUMPKIN



Large Cheese

**Culture** Plant when the ground is warm, in hills 8 x 8 feet apart. One ounce for 25 hills; 3 to 4 pounds per acre. Thin to 2 or 3 plants per hill.

**CONNECTICUT FIELD** The best yellow pumpkin, it is large and round or nearly so. The skin is a reddish-orange color, the flesh orange-yellow. Much used for stock feeding. It is also used for making pies, and by some is considered the equal of the smaller varieties for that purpose. It is frequently grown with corn, and is consequently known as Field Pumpkin or Leatherback. However, it should not be confused with Kentucky Field, which is quite different. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 85c.

**SMALL SUGAR** Also called New England Pie pumpkin. It is small, but has the right flavor for the best pies. The skin is a deep orange color, the flesh deep yellow. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 85c.

**KING OF THE MAMMOTH** A giant member of the family, known to have reached more than 200 pounds weight, and two feet in diameter. Salmon-orange skin, with thick yellow flesh. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

**WINTER LUXURY** One of the best pie pumpkins, and its winter keeping qualities are almost unequalled. It is medium in size, slightly oval in shape. Unlike most pumpkins, its skin is finely and evenly netted and is a yellowish russet color. The flesh is a deep golden color, sweet, tender and fine grained. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 85c

**KENTUCKY FIELD** A large, flattened pumpkin on the order of Large Cheese. It is excellent for either pies or stock feed. It is a round, hardy, productive variety which reaches a diameter of two feet. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**LARGE CHEESE** This is a large, round, flattened pumpkin with pronounced ribs. The skin is a creamy buff color, the flesh yellow and fine grained. Especially good for pies, and used by many canners. Also excellent for feeding. Our stock is home grown by us, and very fancy. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.50.



Green Striped Cushaw



Connecticut Field

**TENNESSEE SWEET POTATO** Pear-shaped and slightly ribbed. The skin is a creamy white, lightly striped with green. The flesh is light colored, fine grained and of excellent quality for pies and custards. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 85c.

**GREEN STRIPED CUSHAW** An early, crookneck type, with a skin mottled green and white. The flesh is a rich yellow, fine grained, and of fine flavor. One of the best for pies. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.20.

**WINTER CROOKNECK OR CUSHAW** Similar to the Green Striped Cushaw, but without the green color. The skin is a creamy white, the flesh yellow and solid. Excellent for pies. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.20.

# PEPPER

**Culture** Sow seed one-half inch deep in the hotbed in March. After danger of frost is past, transplant into open ground, in rows two to three feet apart and 18 inches apart in the rows. An ounce will produce about 1500 plants; One-quarter pound will set an acre.

## SWEET VARIETIES

**WOODRUFF'S COLOSSAL** This is the finest stock of Colossal we have ever offered. The pepper is of the Ruby King type, but vastly superior to that variety. The fruit is very large, thick, sweet, and almost 100% four-pronged. We sell hundreds of pounds of this pepper annually in the pepper growing sections of Florida and New Jersey. Do not fail to include some of this variety in your order. Pkt., 25c; oz., 75c; 1-4 lb., \$2.50; lb., \$8.00.

**PEERLESS** A new pepper that is selling like wild-fire in the markets. It is large and more solid than any pepper we have yet seen. The specimen whose picture is on this page weighed 9½ ounces, and the meat was more than  $\frac{1}{4}$  inch thick. It makes an ideal shipper, and the photograph below shows how well it looks when packed. The flesh is very sweet, without any "bite". Pkt., 25c; oz., 75c; 1-4 lb., \$2.50; lb., \$8.



Peerless

**HARRIS' EARLY GIANT** The earliest and most prolific of all the giant peppers; ten days to two weeks earlier than the other large fruited peppers, such as Ruby King, Chinese Giant, and Ohio Crimson Giant. The quality is very fine, making this a most desirable variety for any use. Pkt., 25c; oz., 75c; 1-4 lb., \$2.50; lb., \$8.00.



Peerless, showing how well it packs.

**CALIFORNIA WONDER BELL** Originated in California, this is a large, thick meated, sweet pepper of great quality. The peppers are unusually solid and heavy, regular in shape and uniform in size. The yield is very heavy. Pkt., 25c; oz., 75c; 1-4 lb., \$2.50; lb., \$8.00.

**CHINESE GIANT** A large fruited mild pepper, but inclined to be a light bearer. Quite late in maturity, being two to three weeks later than Harris' Early Giant. Pkt., 15c; oz., 50c; 1-4 lb., \$1.75; lb., \$6.50.

**OHIO CRIMSON GIANT** One of the best large peppers, as large as Chinese Giant and about ten days earlier. It is also somewhat more prolific. Popular for stuffing. Pkt., 15c; oz., 50c; 1-4 lb., \$1.75; lb., \$6.50.

**WORLD BEATER** A very large, thick meated pepper of mild flavor, much grown in the South. Its quality is of the best. It matures in about 130 days, or about ten days before Chinese Giant. Pkt., 10c; oz., 40c; 1-4 lb., \$1.40; lb., \$5.00.

**RUBY KING** One of the old standard sorts, sweet of good size and color, with fine flavor. Still a large seller. Pkt., 10c; oz., 40c; 1-4 lb., \$1.40; lb., \$5.00.

# PEPPERS

CONTINUED

## SWEET VARIETIES

**RUBY GIANT** A fine sweet pepper, somewhat similar to World Beater, with bright red color, superior flavor, and very productive. It stands shipping well. Pkt., 10c; oz., 40c; 1-4 lb., \$1.40; lb., \$5.00.

**SWEET SQUASH OR CHEESE** Has somewhat the shape of a small flattened tomato, being about 3 inches through and 2 inches deep. Smooth, deep scarlet, thick fleshed and sweet. Very prolific. Pkt., 10c; oz., 40c; 1-4 lb., \$1.40; lb., \$5.00.

**SWEET MOUNTAIN** A standard variety of the Bull Nose type, but more elongated, growing to be about six inches long by three to four inches thick. The flavor is mild. Pkt., 10c; oz., 40c; 1-4 lb., \$1.40; lb., \$5.00.

**BULL NOSE** Prolific and quite early; the fruit about three inches long and two inches in diameter. Usually sweet, but occasionally quite pungent; a standard early pickling variety. Pkt., 10c; oz., 40c; 1-4 lb., \$1.40; lb., \$5.00.

**NEAPOLITAN** An exceedingly prolific and early sort, producing a continuous crop right up until frost. The color is a pale green, turning to brilliant red. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.

**PIMENTO** A small and extremely mild pepper which is at the same time very productive. Smooth skin, dark green at first, but becoming a very dark red. Much used by canners. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.

## "HOT" VARIETIES

**LONG RED CAYENNE** Has a long, slender, twisted, pointed pod. The color changes from a deep green to bright red. Pkt., 10c; oz., 40c; 1-4 lb., \$1.40; lb., \$5.00.

**HUNGARIAN WAX** The pods, which are yellow at first but change to red, are six to seven inches long. Very hot. Pkt., 10c; oz., 75c; 1-4 lb., \$2.50; lb., \$8.00.

**LARGE HOT SQUASH** A medium sized but very prolific sort for use where a very hot pepper is wanted. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**RED CHERRY** Plant bears a profusion of small cherry-shaped very hot fruit. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**RED CHILI** Cone-shaped fruit about  $1\frac{1}{2}$  inches long. Very prolific. Pkt., 10c; oz., 50c; 1-4 lb., \$1.50; lb., \$5.00.

**RED CLUSTER** Bears clusters of hot, coral-red fruit. Pkt., 10c; oz., 50c; 1-4 lb., \$1.75; lb., \$6.00.

## HORSERADISH ROOTS

Horse Radish rarely produces seed but is grown from cuttings of the root. For the home garden they may be set wherever a few feet of space is available, but when grown as a crop they should be set in rich, moist, well prepared ground in rows two and one-half feet apart and about eighteen inches apart in the row. Roots: 10 for 25c; 100 for \$1.50; 1000 for \$10.00.



Woodruff's Arlington Thick Leaf Dandelion on the farm of Mr. Bert Keen of Millville, N. J.

# RADISH

**Culture** For forcing under glass, scatter 100 to 150 over a square foot of soil, covering with a half inch of soil sifted on. Sow in the open ground as soon as the soil can be worked. Radishes grow best in a warm moist place. One ounce will sow 100 feet; 20 to 30 pounds per acre.

**SPECIAL FORCING SCARLET GLOBE** Most strains of radish will produce more tops than roots when grown in the hothouse. For this sort of work, we have this special strain of Scarlet Globe which has a very small top, bred especially for hothouse use. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

**SPECIAL EARLY SCARLET GLOBE** We recommend this strain very highly to those market gardeners who serve a high class trade, as it will command a higher price than the ordinary. Bred for perfect color and shape, with almost never a pale or purple radish. Far superior to most strains. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 85c.

**EARLY SCARLET GLOBE** A very good stock of the variety as usually sold, though not to be compared with our Special Scarlet Globe for uniformity and quality. Pkt., 5c; oz., 15c; 1-4 lb., 20c; lb., 65c.

**SCARLET GLOBE WHITE TIP** Also called Sparkler. An early variety, with roots a bright scarlet tipped with white. The best for markets which demand a white tipped radish. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**SCARLET TURNIP WHITE TIP** The roots are slightly turnip shaped, with a white tip running about half way up the root. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**FRENCH BREAKFAST** An olive shaped variety about 1½ inch long. It is a quick grower, deep scarlet color with a white tip. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.



Special Early Scarlet Globe



Special Forcing Scarlet Globe

**WHITE ICICLE** Long, white, waxy roots five to six inches long and tapering. Flesh is very high quality, crisp and tender. Pkt., 5c; oz., 10c; 1-4 lb., 20c; lb., 60c.

**CINCINNATI MARKET** A long, tapering scarlet radish, with roots 6 to 7 inches long. The color is a deep red. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**CRIMSON GIANT** A large, early, round variety of the Scarlet Globe type, but growing twice its size. Later, and grows a larger top than Scarlet Globe. Pkt., 10c; oz., 15c; 1-4 lb., 25c; lb., 90c.

**WHITE STRASBURG** A popular fall variety, with white roots from four to six inches long and one to two inches in diameter at the shoulder. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**GIANT WHITE STUTTGART** A variety for fall or late summer, with a large top and large olive-shaped root of white color. Also used as a winter variety, for fall planting. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

# RADISH

CONTINUED

## WINTER VARIETIES



Round Black Spanish Radish

**Culture** Winter radish seed is generally sown early in August in rows about 20 inches apart, covering half inch deep. When well up, thin to three inches apart in the row. For winter use, store the roots in a cool cellar, packing them in damp sand.

**ROUND BLACK SPANISH** Our stock of this variety is one of which we are proud. Most stocks on the market are imported ones of very inferior quality. We grow this seed ourselves and thus far have had to make no apologies for it. The radish is top-shaped, 3 to 4 inches in diameter. The skin is a rich, black color, the flesh a very clear white. The flavor is excellent and the radish keeps well. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**HALF LONG BLACK** The roots are grayish black in color, 4 to 5 inches long, tapering from a shoulder 2 to 3 inches in diameter. You will not be disappointed in our stock. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**LONG BLACK SPANISH** A popular winter sort that keeps well. The roots are about 7 inches long, three inches in diameter at the shoulder, and tapering to the tip. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**CHINA ROSE** The roots are cylindrical, usually larger at the bottom than at the top, averaging 4 to 5 inches long. The skin is smooth and a deep rose color. Pkt., 10c; oz., 15c; 1-4 lb., 30c; lb., \$1.00.

## SALSIFY OR OYSTER PLANT



**Culture** One of the most desirable winter vegetables, and one which deserves to be more used. Before sowing, the soil must be stirred to considerable depth. Sow early and quite deep. Frost does not hurt the roots, but a quantity should be stored for winter in a pit or cool cellar before the ground freezes. An ounce will sow 75 feet; 8 to 10 pounds per acre.

**MAMMOTH SANDWICH ISLAND** This variety is less liable to branch than most varieties, but coarse or fresh manure should not be used if smooth roots are wanted. We grow this seed ourselves for critical customers. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

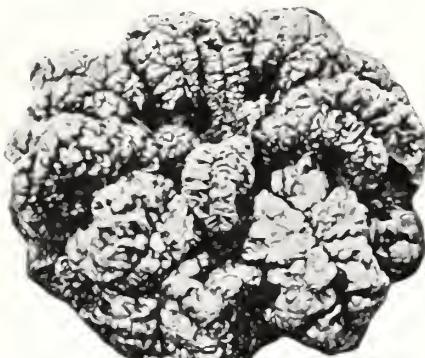
## SORREL

**Culture** A hardy perennial, which may bear for several years. Sow in spring or summer in drills. Excellent in salads, or cooked like spinach. The flavor of the green leaf is slightly sour, hence often called Sour Grass. An ounce will sow 150 feet; 10 to 12 pounds per acre.

**NARROW LEAF (Silver Leaf)** Grown on our own Milford farms, this is a very special stock of sorrel. It is superior in many ways to the imported seed, and we are seldom able to grow enough to meet the demand. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25; lb., \$4.00.

**BROAD LEAF** The imported seed, not equal to Milford-grown stock, but very nice. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

# SPINACH



Reselected Savoy

**RESELECTED SAVOY (Bloomsdale)** A distinct improvement over the old standard Bloomsdale Savoy, in that it is very early and of better color. The leaves are beautifully crumpled and blistered and free from pointed leaves. This variety is also used very largely for fall sowing. Oz., 5c; 1-4 lb., 10c; lb., 30c; 100 lbs., \$25.00.

**BLIGHT RESISTANT SAVOY** This is the strain developed by the Virginia Experiment Station for resistance to "yellows", blight, or mosaic. It is also resistant to low temperatures. It is a pure Savoy type, but will run to seed quickly in warm weather. For this reason it is used almost altogether for fall sowing. Oz., 5c; 1-4 lb., 10c; lb., 30c; 100 lbs., \$25.00.

**NOBEL GIANT LEAVED** A new variety of the Viroflay type, but superior. It is the best of the so-called smooth-leaved types. The leaves are very thick, rather smooth, rounded and of great size. Although a very quick grower, it stands well before going to seed. Oz., 5c; 1-4 lb., 10c; lb., 30c; 100 lbs., \$25.00.



Bloomsdale Long Standing Savoy

**EXTRA DARK GREEN BLOOMSDALE** A better and darker green strain of Reselected Savoy or Bloomsdale, its darker color making it appear fresh longer after cutting. It is just as early as the old Savoy Leaf, but will stand longer in prime condition. Oz., 5c; 1-4 lb., 10c; lb., 35c; 100 lbs., \$30.00.

**GAUDRY LONG STANDING** A rather late variety of the Viroflay type, which nevertheless stands long before bolting to seed. Oz., 5c; 1-4 lb., 10c; lb., 30c; 100 lbs., \$25.00.

**FILLBASKET** Large, thick, slightly crumpled leaves of a medium green color. Matures very early, and is extremely productive and of strong growth. Oz., 5c; 1-4 lb., 10c; lb., 30c; 100 lbs., \$25.00.

**ROUND THICK LEAF** An old standard variety, still grown in some localities. We recommend the use of Nobel Giant Leaved, which is a far better spinach in every way. Oz., 5c; 1-4 lb., 10c; lb., 25c; 100 lbs., \$20.00.

**MONSTROUS VIROFLAY** Leaves thick, broad and nearly round. This variety is suitable for either fall or spring sowing. It is one of the older varieties, of the Round Thick Leaf type, and not equal to Nobel or Fillbasket. Oz. 5c; 1-4 lb., 10c; lb., 25c; 100 lbs., \$20.00.



Nobel Giant Leaved

## SPINACH

CONTINUED



Woodruff's Hot Weather

**LONG SEASON** An old standard variety of the Bloomsdale family, but with a broader and larger leaf, less curled, but stands well without bolting to seed. However, it is inferior to Bloomsdale Long Standing Savoy in this respect. Oz., 5c; 1-4 lb., 10c; lb., 25c; 100 lbs., \$20.00.

**NEW ZEALAND (Tetragonia expansa)** Not a true spinach, unlike spinach in that it thrives during hot weather and in almost any soil, rich or poor. The tender shoots are of excellent quality and may be cut throughout the summer. The plant becomes very large and spreading, with comparatively small leaves. Plant three or four seeds in hills two feet apart each way. Germination is very slow, and can be hastened somewhat by soaking in warm water for 24 hours. This variety will afford a constant supply of fine greens for many weeks. Oz., 5c; 1-4 lb., 15c; lb., 50c; 100 lbs., \$45.00.

**MUSTARD SPINACH** A new vegetable of Oriental origin, being in fact a very mild mustard with a creamy spinach flavor. Grows a spray of broad, flat, smooth, rounded leaves. If to be used as spinach, these should be cut when about 5 inches long, which is usually in about 25 days. In the South, many prefer to use them like turnip greens, which requires only a little more growth. Has not been known to fail, even in such hot, dry months as July and August of 1930. By all means, try this new vegetable and taste a new taste. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.



Woodruff's Hot Weather

**WOODRUFF'S HOT WEATHER** A new variety resembling Victoria in general appearance, but larger and somewhat rounder leaved. It is ready soon after the earliest varieties and will stand without bolting two weeks longer. Hot weather has little effect on this spinach, it being superior to King of Denmark in this respect. The photograph below shows how Woodruff's Hot Weather spinach stands long after other varieties have bolted. Oz., 5c; 1-4 lb., 10c; lb., 30c; 100 lbs., \$25.00.

**JULIANA** This is of the Long Season type, having a large, beautiful crumpled leaf. The color is a very rich dark green. Juliana is remarkable for its rapid, uniform growth, and because it stands hot weather without bolting to seed longer than other sorts. Fine for either spring or fall planting. Oz., 5c; 1-4 lb., 10c; lb., 30c; 100 lbs., \$25.00.



Juliana

**VICTORIA** An excellent old standard variety which forms large, thick, dark green leaves, slightly crumpled in the center. Plant grows large and compact, the leaves usually blunt or rounded at the end. Oz., 5c; 1-4 lb., 10c; lb., 25c; 100 lbs., \$20.00.

**KING OF DENMARK** The leaves are large, rounded, somewhat blistered and deep green in color. A rather slow growing variety, but remains in good condition a week after some varieties have bolted to seed. The plant resembles Long Season. Oz., 5c; 1-4 lb., 10c; lb., 30c; 100 lbs., \$25.00.

## SUMMER SQUASH



Giant  
Summer  
Crookneck

**Culture.** While many of the varieties listed below actually belong to the Pumpkin family, we are listing them as squash in accordance with common usage. Early in May, or as soon as the ground is warm, plant 8 or 10 seeds in a hill, the hills 4 to 6 feet apart. Later, thin out, leaving the three strongest plants in each hill. One ounce to 25 hills; 3 to 4 pounds per acre.

**SUMMER STRAIGHTNECK** This is fast becoming the most used summer squash for market gardeners, as the necks do not break off as easily as the crooked ones. We have improved this strain, and grow it ourselves, and it will be found to have very few crook-necks as compared with other stocks. Pkt., 10c; oz., 20c; 1-4 lb., 75c; lb., \$2.50.

**EARLY SUMMER CROOKNECK** A light yellow, tender, and smaller crookneck than the Giant. It is earlier, and the squashes are about 10 inches in length. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**GIANT SUMMER CROOKNECK** For years the standard variety. Grows large, dark yellow and well-warted fruit with a crook neck, about 18 inches long when mature. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**ITALIAN VEGETABLE MARROW** (*Cocozella di Napoli*) Produces a good crop of practically straight squash on a bush similar to Crook-neck, but the leaves are somewhat different in appearance. We are growing this variety to satisfy a fast growing number of critical gardeners. The fruit is mottled dark and light green, later being marbled with yellow. The fruit about 15 inches long. Many consider this superior to Crookneck for flavor. Pkt., 10c; oz., 20c; 1-4 lb., 75c; lb., \$2.50.

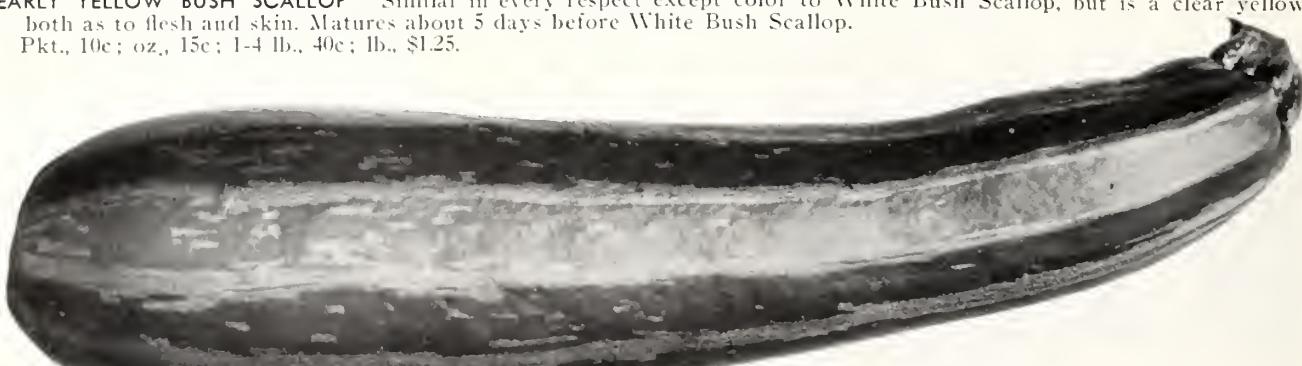


Summer Straightneck

**COCOZZA LONGE** A long Italian squash, usually trained over a trellis. Extra fine flavor. Fruit often three feet long and 3 to 4 inches in diameter. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**EARLY WHITE BUSH SCALLOP** Called Patty Pan or Cymbling. A flat, round squash, with scalloped edges. Averages 8 to 10 inches across and about 4 inches thick. Creamy white color. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**EARLY YELLOW BUSH SCALLOP** Similar in every respect except color to White Bush Scallop, but is a clear yellow, both as to flesh and skin. Matures about 5 days before White Bush Scallop. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.



Italian Vegetable Marrow

## WINTER SQUASH

**Culture** Sow the seed about July 1st, using an ounce of seed to 10 hills, or 8 to 10 seeds per hill. Thin to three plants per hill. When harvesting winter squash, do not bruise or break the stems.

**IMPROVED HUBBARD** The old standard Hubbard squash which has never lost its popularity. We offer our own improved strain, which we grow ourselves. Flesh bright orange-yellow, skin dark green and rough, slightly warted. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**WARTED HUBBARD** Similar in all respects to Improved Hubbard, except that the very dark green skin is much more warted. This seems to be the favored variety at present. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**SIMM'S BLUE HUBBARD** Has the general shape of the Hubbard squash family, but the outer shell is a bluish-green color and is comparatively smooth, though not entirely so. The flesh is a golden-orange color, and cooks dry. Keeps well, as do all the Hubbards. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.



Simm's Blue Hubbard

**DELICIOUS** Another standard sort, similar to Golden Delicious, but has a dark green skin with orange flesh. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**BOSTON MARROW** Shaped like the Hubbard squashes, but with a bright red shell, and yellow flesh. Keeps well, and long popular with canners and bakers for pies. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**DES MOINES or TABLE QUEEN** A small acorn-shaped squash about 5 to 6 inches long and 4 inches in diameter. Excellent when baked whole, then cut and eaten like grapefruit. Pkt., 10c; oz., 25c; 1-4 lb., 60c; lb., \$2.00.



Des Moines or Table Queen

**RED or GOLDEN HUBBARD** Similar to Improved Hubbard, but smaller and of a deep golden red color. Matures a little earlier, and extremely popular. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**GOLDEN DELICIOUS** This we offer for the first time this year. The squash is top-shaped in form, medium sized, the flesh orange colored. One of the most attractive squashes we have ever seen, and a wonderful keeper. We recommend it very highly for market or home gardens, as its fine qualities will appeal to all. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.



Golden Delicious

# TOMATO

**Culture** Start your early tomato plants indoors, allowing 4 to 6 weeks to produce plants for setting out. Sow the seed in February or March in hot beds or in shallow boxes in the house, in rows 4 to 6 inches apart and half an inch deep. When the plants are about 2 inches high, transplant into 3 inch pots or shallow boxes 4 in. apart each way. Transplant in the open ground when all danger of frost is past, 3 to 4 feet apart each way. Cultivate frequently. An ounce will produce about 2500 plants, enough for half an acre.

**BREAK O'DAY** A new and extremely important tomato developed by the United States Department of Agriculture, being a hybrid from Marglobe and Marvana. Quantities as yet are very limited, though some inferior quality seed will no doubt be offered this year. Our strain, while there is very little of it, is the true Break O'Day, grown from seed from trial plots. The main feature of this variety is its earliness, for it is as early as Earliana and earlier than Bonny Best. As to shape it resembles Marglobe, being globe shaped but slightly thicker near the stem than at the blossom end. The color is not quite as good as Marglobe, nor will it stand hot, burning weather as well. For an extra early tomato, however, we have never seen its equal. Pkt., \$1.00; 1-2 oz., \$1.25; oz., \$2.00; 1-4 lb., \$8.00; lb., \$25.00.

**SPECIAL EARLIANA** A special selection of this variety which is larger than the old type of Earliana, has a thicker skin and ripens well up to the stem end; very free from cracks. Grows a small but vigorous vine, nearly globe shaped fruit, solid and bright scarlet. Pkt., 25c; 1-2 oz., 40c; oz., 75c; 1-4 lb., \$2.75; lb., \$10.00.

**EARLIANA** Our regular stock of Earliana, equal to what is generally on the market. Pkt., 15c; oz., 40c; 1-4 lb., \$1.50; lb., \$5.00.

**EARLY SUNRISE** A very fine early sort, a few days earlier than Earliana, which it resembles, except that it is smoother. Very special strain. Pkt., 25c; 1-2 oz., 40c; oz., 75c; 1-4 lb., \$2.75; lb., \$10.00.

**BONNY BEST** One of the standard early varieties, a little later in maturity than Earliana. The fruit is bright red and smooth, ripening evenly and right down to the stem. One of the best all around tomatoes, though not the earliest. Pkt., 15c; 1-2 oz., 25c; oz., 40c; 1-4 lb., \$1.50; lb., \$5.00.



Special Earliana

**JOHN BAER** A bright red tomato a few days earlier than Bonny Best, bearing a very heavy crop of large, smooth, evenly ripened fruit. Seldom bursts when dead ripe. Pkt., 10c; 1-2 oz., 20c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.50.

**CLARK'S EARLY** One of the most popular varieties in large tomato-growing sections. It is an early sort, bearing a heavy crop of tomatoes which are very large for such an early variety. The vines are vigorous and bear their fruit in attractive clusters. The interior color is very fine and the seed cavities unusually small. The fruit is very deep from stem to bottom. These qualities make it excellent for slicing, as well as for canning. Pkt., 20c; 1-2 oz., 30c; oz., 50c; 1-4 lb., \$1.75; lb., \$6.00.

**EARLY ACME** One of the largest and best of the early purplish-pink varieties. The fruits are round, smooth, medium size, free from cracks, and stand shipment well. Mostly used for home gardens, however. Pkt., 10c; 1-2 oz., 25c; 1-4 lb., 75c; lb., \$2.50.

**COOPER'S SPECIAL** A second-early variety with vines about 3 feet tall. The growth is sturdy and produces good sized clusters of attractive fruit. The tomatoes are medium size, globe shape, light purplish pink color, solid and meaty. The flavor is very fine. This variety has proven itself a valuable one for southern shippers, and is equally valuable in the home garden. Pkt., 20c; 1-2 oz., 25c; oz., 40c; 1-4 lb., \$1.00; lb., \$5.00.

**CHALK'S EARLY JEWEL** One of the best early tomatoes, vigorous, productive. The fruit is nearly round or flattened, bright deep scarlet-red, smooth and of good quality. Makes a fine main crop sort, the bearing season being long. Pkt., 10c; 1-2 oz., 20c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.50.

# TOMATO

CONTINUED

**SPECIAL MARGLOBE** The newest and finest tomato, introduced by the U.S. Dept. of Agriculture, from who was obtained the seed used in growing the stock we now offer. Marglobe has a deep globe shape (see the illustration) and a beautiful scarlet color. A very heavy yielder of fine large tomatoes which have a small seed cavity and thick firm meat. They ripen well up to the stem. Marglobe is almost 100% resistant to blight and nailhead rust. Pkt., 20c; 1-2 oz., 40c; oz., 75c; 1-4 lb., \$2.75; lb., \$10.00.

**MARGLOBE** This is our regular stock of Marglobe, and while not quite equal to our Special Marglobe, nevertheless it is equal to the stock now sold by many seed houses. The original stock came from the U. S. Dept. of Agriculture. Pkt., 20c; 1-2 oz., 25c; oz., 40c; 1-4 lb., \$1.50; lb., \$5.00.

**DWARF CHAMPION** A second-early or main crop sort, purplish pink in color, especially desirable for gardens of limited space. The vines are about two feet high and vigorous. Fruits are smooth and medium sized. Pkt., 15c; 1-2 oz., 25c; oz., 40c; 1-4 lb., \$1.50; lb., \$5.00.

**LIVINGSTON'S GLOBE** A large purple fruited variety of splendid quality. Fruit large, round, and matures earlier than most main crop sorts. Very solid and a good shipper. Fruits are of varying size. Makes a fine shipper, and is grown very largely in the South for shipment North. Pkt., 20c; 1-2 oz., 30c; oz., 50c; 1-4 lb., \$1.75; lb., \$6.00.

**MATCHLESS** Very fine main crop sort with large solid fruit of a good red color. Ripens a little later than Stone. Pkt., 10c; 1-2 oz., 20c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

**NEW STONE** The old standard late or main crop variety which still holds its popularity. Unsurpassed for canning or slicing, the fruits being uniform in shape, which is oval, very solid and smooth. Our stock is exceptionally fine, especially as to the bright deep scarlet color. Pkt., 10c; 1-2 oz., 25c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.00.



Clark's Early

## PICKLING OR PRESERVING VARIETIES

**YELLOW PLUM** Fruits plum shaped, clear yellow color. Used for preserves.

**YELLOW PEAR** Pear-shaped fruits of deep, clear yellow color. Esteemed for preserves.

**YELLOW CHERRY** Fruit small, about 5-8 inch in diameter, and perfectly round and smooth. Fine for preserves and pickles.

**RED PLUM** Differs from Yellow Cherry in color only, is a bright red.

**RED PEAR** Used for preserving and to make "tomato figs". Fruit pear shaped and red.

**RED CHERRY** Differs from Yellow Cherry in color only, being red.

**STRAWBERRY or HUSK** Also called Ground Cherry. Vines are low and spreading, producing small yellow fruit enclosed in a loose husk. Very sweet, mild. Used for preserves.

Any Pickling or Preserving variety: Pkt., 20c; 1-2 oz., 35c; oz., 60c; 1-4 lb., \$2.25; lb., \$8.00.



Special Marglobe

# TURNIP

## WHITE FLESH SORTS



Reselected  
Red Top  
White Globe

**COW HORN OR LONG WHITE** A long carrot shaped turnip growing to a length of 12 to 15 inches, half out of ground. The skin and flesh are both white. Grows a large turnip in about 75 days. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**EARLY WHITE FLAT DUTCH (Strap Leaved)** A smooth, flat white turnip, and one of the best for spring turnips. Medium in size, maturing in about 50 days. Used extensively in the South. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**EARLY PURPLE TOP STRAP LEAF** An early table variety. The roots are flat, medium in size, purple or dark red above ground, and white below ground. Roots are in best condition for the table when about  $2\frac{1}{2}$  in. in diameter, but will grow much larger for feeding purposes. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**EXTRA EARLY WHITE MILAN** This variety is extra early maturing in about 45 days. The tops are small and compact, so this variety may be sowed in rows closer together than usual. The roots are white, smooth and flat. The flesh has fine flavor. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**EXTRA EARLY PURPLE TOP MILAN** Similar to White Milan except that the roots are perhaps slightly flatter and have a purple color on top. Pkt., 10c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

**Culture** Sow early varieties in April, in drills 12 to 18 inches apart. Cover seed one-half inch, and thin out to 4 to 6 inches in the row. Cultivate frequently. For fall and winter crop, sow in July or August in drills or broadcast. An ounce will sow about 250 feet of drill;  $1\frac{1}{2}$  pounds per acre in drills, or  $2\frac{1}{2}$  pounds broadcast.

### RESELECTED RED TOP WHITE GLOBE

Owing to the great amount of care and labor involved in making this the best strain on the market, we are obliged to ask a higher price than for the ordinary stock. However, the better price you will obtain for these extra fine turnips will more than offset the small increase in cost. Its particular feature is its very bright red top which goes well down on the root. It is a quick growing type, with fine flavored white flesh. Keeps well for such an early variety. Matures in about 65 days. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

### RED OR PURPLE TOP WHITE GLOBE

The most popular white fleshed turnip. The upper part is purplish red, the lower part white. The flesh is white, fine grained and sweet. Those desiring an extra fine strain should order Reselected Red Top White Globe, above. This is our regular stock, maturing in about 65 days. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

### WHITE EGG

An egg-shaped turnip with white skin and flesh. It grows half out of ground; is one of the earliest. The flesh is fine grained and has a good flavor. Matures in about 50 days. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

### POMERANIAN WHITE GLOBE

A large, round, white turnip, best for table use when about 4 inches across. On rich soil will reach the enormous size of ten pounds. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

## YELLOW FLESH SORTS

### YELLOW or AMBER GLOBE

A round smooth, light yellow turnip of medium to large size. Both skin and flesh are yellow, the latter being crisp and firm with excellent flavor. The roots are fine for table use when three to four inches in diameter. Matures in about 70 days. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

### YELLOW ABERDEEN (Purple Top Aberdeen)

A globe shaped turnip of late maturity. Smooth roots, yellow with purple top. The flesh is pale yellow and the texture fine. Seed should be sown earlier than other varieties. Matures in about 75 days. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

### GOLDEN BALL

The roots are medium size, round, very smooth, with a deep yellow skin. The flesh is firm, fine flavored, and bright yellow in color. This variety is a splendid keeper and matures earlier than the other yellow turnips, in about 65 days. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

## RUTABAGA OR SWEDE TURNIPS

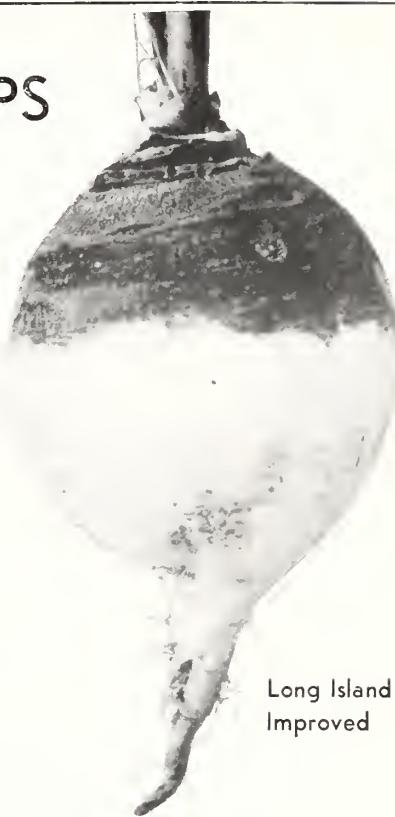
**Culture** Same as for other turnips, except that the seed is generally sown from the later part of June until August. The rutabagas or swedes are generally grown for their winter keeping qualities, for which they are better than the other turnips. Maturity from 80 to 95 days.

**LONG ISLAND IMPROVED** This variety has for many years been one of our specialties, as we have continued to grow and supply to our customers a strain superior in many ways to that sold by most houses. Our stock is noted for its smoothness, freedom from neck, fine round shape, bright yellow color, fine grain and sweetness. Rutabagas grown from this seed continue to be sold in New York market at higher prices than the ordinary. It is, of course, a splendid keeper. Matures in about 85 days. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

**AMERICAN PURPLE TOP** A strain similar to Long Island Improved but not of such high quality. The ordinary rutabaga sold is of this type. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**WHITE ROCK** Also known as White French, Breadstone or Budlong. This is a fine white fleshed rutabaga noted for its keeping quality and productivity. Roots are large and nearly globe shaped, with a small neck. Matures in about 90 days. Equally good for table use or stock feeding. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**SWEET GERMAN** A white fleshed rutabaga, maturing in about 90 days. The Roots are white, tinged with green at the top. Have a medium size, fine quality and keep well. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.



Long Island Improved

## FOLIAGE TURNIPS, GREENS

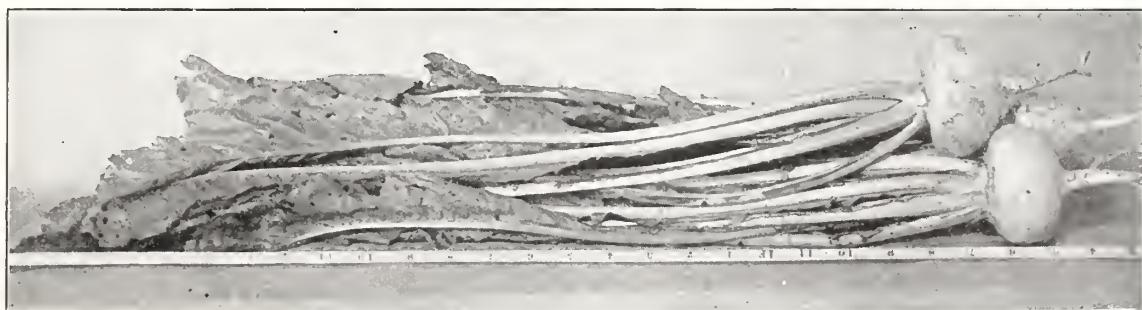
The following varieties are grown for their tops rather than for their roots.

**JAPANESE FOLIAGE TURNIP** As illustrated below, is valuable both for its tops and roots. An inferior seed generally called Shogoin is also on the market, but should not be compared with the strain we offer. Although this is a comparatively recent introduction from the Orient, it has been accepted in the South by reason of its remarkable greens. The tops grow to considerable size. Greens may be cut in from 25 to 30 days depending on weather conditions. Hot weather seems to have no injurious effect on the yield, nor does dry weather. Pkt., 10c; oz., 15c; 1-4 lb., 35c; lb., \$1.25.

**SEVEN TOP** This is sometimes called Broccoli Raab. It is used largely for fall sowing and spring cutting, as it stands severe cold. It is sometimes also used for stock feed, as is rape. This stock is our own growing and very fine. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**SOUTHERN PRIZE** A variety similar to Seven Top, though considered in some localities to be superior. Like Seven Top, it is grown in considerable quantity in the South. The roots are of some value, as they are large, and excellent for stock feeding. Stands the winters well as far North as Virginia. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.

**SPRING BROCCOLI RAAB** Superior to Seven Top for spring sowing. Forms a compact top growth and bears a yellow blossom before going to seed. We grow this at Milford to be sure of having the right strain. Pkt., 10c; oz., 35c; 1-4 lb., 75c; lb., \$2.50.



Japanese Foliage Turnip



THE FAMOUS MILFORD GREEN-LAID OUT IN 1639

## LAWN GRASS MIXTURES

**TURFMAKER** Without a doubt, this is the finest lawn grass mixture on the market today for those who want a permanent, fine-leaved turf of good color and one that, as it establishes itself, will withstand all the wear that the kiddies or even grown-ups may give it. TURFMAKER weighs 25 to 27 lbs. per measured bushel. We use only the very finest of re-cleaned grasses in blending this formula, which we have found to be the most adaptable for producing a lasting, fine-textured turf in north-eastern United States.

Contrasted to low priced mixtures, TURFMAKER grows more slowly, but the varieties we use in its composition are permanent grasses and by nature germinate and develop more slowly. Patience has its reward, however, in the satisfaction of possessing a luxuriant turf long after the cheaper and short-lived grasses have died out.

TURFMAKER is about 90% pure and is as free from weed seeds as it is possible to make it with the use of the most modern seed refining machinery.

During the season of 1930, TURFMAKER withstood the extremely trying conditions and drought throughout this area. This, we feel, is sufficient test to warrant our repetition of the above statement that TURFMAKER IS THE FINEST GRASS SEED MIXTURE ON THE MARKET TODAY.

### DON'T EXPERIMENT — IT'S TOO EXPENSIVE!

Sow at the rate of 1 lb. to 100 sq. ft. for immediate results. 1 lb., 75¢; 5 lbs., \$3.75; 25 lbs., \$16.50; 100 lbs., \$60.00.

*All grass seed prices subject to change without notice*



## LAWN GRASS MIXTURES

CONTINUED

**ALL-BENT** A few years ago it would have been folly for a home owner to attempt to make a successful lawn using all bent seed, but in recent years our Federal and State Experiment Stations have succeeded in segregating the various bent grass species, and with this information we are now able to blend an All-Bent mixture, which is composed of only those *Agrostis* species adapted to home turf. The turf produced from this mixture affords the soft, luxuriant feel of an expensive rug, and is of deep emerald green color. Sow the seed less liberally than other mixtures, about 1 pound to each 500 square feet. Per pound, \$1.25; 5 lbs., \$5.75; 25 lbs., \$26.00; 100 lbs., \$10.00.

**PREMIER** This formula is a blending of deep-rooting, lasting grass varieties, and is very similar to our Milford Green, except that it does not contain White Clover. The resulting turf will therefore be of even texture and uniform color

tone. Withstands dry weather exceptionally well. Sow at the rate of one pound to each 100 square feet of area for quick results. Per pound, 60c; 5 lbs., \$2.75; 25 lbs., \$12.50; 100 lbs., \$45.00.

**MILFORD GREEN** This is one of our most popular lawn mixtures, composed of recleaned grass varieties (including not less than 6% White Clover) chosen for their ability to thrive and maintain a good lawn under the varied soil and climatic conditions found along the Atlantic coast. Its ability to produce good turf on more or less sterile soils and to stand abuse makes it a favorite formula for school lawns, parks and institutions as well as the home lawn. Sow one pound per 100 square feet for immediate results. Per pound, 50c; 5 lbs., \$2.25; 25 lbs., \$10.50; 100 lbs., \$40.00.

*All grass seed prices are subject to change without notice.*



Montefiori Bedford Sanitarium, Bedford Hills, N.Y., where Milford Green Lawn Seed has been used exclusively

# LAWN GRASS MIXTURES

CONTINUED

**TERRACE** A mixture of grasses that will produce strong, spreading roots, will withstand drought and sun and will thrive on shallow soils. This mixture will grow well anywhere, but if the terrace is steep, we advise sowing 1 lb. of rye (grain) with each 5 lbs. of grass seed. Fertilize well in order that the grass plants may quickly establish themselves. This mixture does not contain clover. It may be necessary to reseed terraces several times in order to get a solid turf. Sow at the rate of 1 lb. to 100 sq. ft. 1 lb., 60c; 25 lbs., \$12.50; 100 lbs., \$50.00.

**SANDY SOIL** Dwellers near the sea shore or in other localities where the soil is very sandy, know the difficulty of trying to grow a lawn that will equal or approach in appearance, lawns found farther inland. We have in our SANDY SOIL mixture compounded a formula to meet the problem face to face. It is composed of hardy, deep-rooting varieties including White Clover, properly proportioned to produce luxuriant turf throughout the whole season. Sow at the rate of 1 lb. to 100 sq. ft. 1 lb., 65c; 5 lbs., \$3.00; 25 lbs., \$14.00; 100 lbs., \$50.00.

**SHADOLAWN** Shadolawn is made up of grass varieties adapted to hardy growth under trees and in other areas which receive very little sunlight. Soil under trees is usually less fertile than in open areas, because the tree roots are continually sapping the vitality. For most successful results, then, additional food must be supplied. Use SHADOLAWN, fertilize regularly with a good lawn dressing and you can have a good lawn in the shade. Sow at the rate of 1 lb. to 100 sq. ft. for best results. 1 lb., 75c; 5 lbs., \$3.75; 25 lbs., \$16.50; 100 lbs., \$60.00.

**SHADY SPOT** A very clean shady lawn mixture, but contains a lesser quantity of those varieties adapted to development in the shade than our SHADOLAWN. It is often necessary to reseed several times in order to establish a good turf in the shade. If and when possible, seed preferably in the fall. Sow at the rate of 1 lb. to 100 sq. ft. 1 lb., 60c; 5 lbs., \$2.75; 25 lbs., \$13.50; 100 lbs., \$50.

*All grass seed prices subject to change without notice.*



# SPECIAL GRASS SEED MIXTURES

## MIXTURES FOR GOLF COURSES

### PUTTING GREENS

**WOODCO PUTTING GREEN FORMULA (with Bent)** composed entirely of Agrostis species and contains a small percentage of high grade, fancy, recleaned Red Top for a nurse crop. The bent varieties used in its blending are only those that we have found most practical for putting green use in northeastern United States. Requires a well-prepared, rich soil and consistent, judicious fertilization and top dressing for best results. 1 lb., \$1.25; 5 lbs., \$5.75; 25 lbs., \$27.50; 100 lbs., \$100.00.

**MILFORD PUTTING GREEN FORMULA** Recommended for light, poor soils. This formula consists of Agrostis species (including Red Top) and Red Fescue. It is exceptionally pure, of high germination, and will produce an excellent turf on soils of quality to maintain the turf of bent grasses, and where water supply and labor costs are important factors.

1 lb., \$1.00; 5 lbs., \$5.00; 25 lbs., \$20.00; 100 lbs., \$75.00.

*All grass seed prices subject to change without notice.*



### FAIRWAY MIXTURES

**WOODCO FAIRWAY MIXTURE** Recommended for well prepared fertile soils. This mixture contains bent seed, as well as Red Fescue (N.Z. Chewings), Kentucky Bluegrass and Fancy Red Top. It is an exceptionally clean mixture of high germination and the grasses are so blended as to maintain a good turf from early spring until late fall. 25 lbs., \$16.00; 100 lbs., \$60.00.

**MILFORD FAIRWAY MIXTURE** A combination of recleaned grasses including Kentucky Bluegrass, N.Z. Chewings Fescue, White Clover and Red Top. We recommend this mixture for poor, dry soils. 25 lbs., \$12.00; 100 lbs., \$42.50.

### FOR ATHLETIC FIELDS

**ATHLETIC MIXTURE** A special combination of deep rooting grasses that will produce a strong, thick turf. The varieties used in this formula were chosen for their aggressive and prolific habit and will withstand any amount of use and abuse, such as the average athletic field will receive year in and year out. Given a fairly good soil and ordinary rainfall, the second season should show a thick fine-leaved turf of rich green color. This is important in that it renders the grass less slippery than if broad leaved grasses were present. Does not contain clover, and does equally well on either acid or alkaline soils. Should be sown in late August or early September if it is necessary to use the field the following season. Sow 10 lbs. to 100 sq. ft. for quick results. 25 lbs., \$20.00; 100 lbs., \$60.00.



## SPECIAL GRASS SEED MIXTURES

### PRINCE EDWARD ISLAND BENT (*Agrostis tenuis*)

This strain of Colonial Bent is produced on the island from which it gets its name and due to its geographic location is very hardy. Some of the seed-meadows are over ten years old and the grass has persisted under climatic conditions too severe for wheat. This seed seems to require less watering and top-dressing than many other varieties, but responds very quickly to the attention and care given it. Given reasonably good soil and treatment, turf produced from this strain makes an excellent putting green and a most luxuriant lawn. Often combined with Kentucky Blue-grass or Red Fescue for lawns and fairways.

Prince Edward Island Bent is grown under the supervision of the Canadian Government and no seed is harvested for export when over 5% of Red Top is found growing. Sold in 50 lb. bags, sealed by the Canadian Government. Averages 98% pure and from 95 to 98% germination. 1 lb., \$2.00; 5 lbs., \$9.75; 50 lb. sealed bag, \$77.50; ask for prices in larger quantities.

### SEASIDE BENT (*Agrostis maritima*)

A strictly creeping grass. Ideal for putting greens. Reproduces itself by means of stolons or runners and requires frequent top-dressings and fertilizer or plant food. It will thrive on much less watering than the vegetative strains. The turf is quite recumbent and it is not adaptable for lawn purposes. This is our own selection and was chosen because of its natural tendency to remain fine and not to become "grainy". The seed is plump and virile and a good catch of seed can be assured if given reasonably good soil and attention. Averages 98% pure and 90 to 95% germination. 1 lb., \$2.50; 5 lbs., \$11.25; 50 lbs., \$100; ask for prices in larger quantities.

### VELVET BENT (*Agrostis canina*)

The finest and most difficult to procure in pure form. Per pound \$7.50; 10 lbs. or more, \$6.50 per pound.

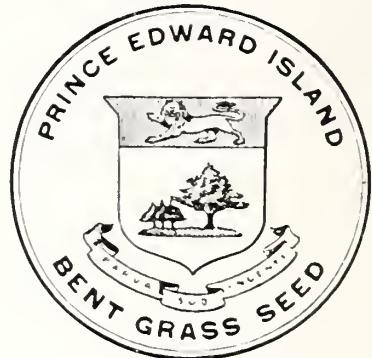
### COLONIAL BENT (*Agrostis tenuis*)

New Zealand Grown, commonly called Rhode Island Bent (now almost wholly extinct) but grown in New Zealand. When new crop seed is available it will produce a turf very similar to the Prince Edward Island strain. The one and only disagreeable feature to this strain is that, being grown south of the equator, it loses germinating ability as it moves north and almost invariably loses 25% to 40% of its germinating capacity by July or August following its arrival into the States.

Averages 99% pure and has a good germination until late spring, after which we do not advise its use until new crop seed is available in September. This seed is our own selection and highly recommended for early spring planting. 1 lb., \$1.25; 5 lbs., \$6.25; 25 lbs., \$27.50; 100 lbs., \$100.00.

**SOUTH GERMAN BENT (Mixed *Agrostis* Species)** This seed has been commonly called "Creeping Bent" but it contains over 5% of the actual stoloniferous species. It is a natural mixture, grown in Germany and is probably the most widely used of the bents. It is usually a combination of Colonial Bent, Velvet Bent and Creeping Bent, with a possible percentage of Red Top, depending on the season and the discrimination of the grower. Being a natural mixture, it does not come as pure as the segregated strains but the combination is often preferred both for greens and lawns because of its adaptability. Our European buyer selects this seed especially for us. Many Golf Course Architects and Landscape Architects specify its use altogether. Averages 80% pure and 80% germination. 1 lb., \$1.75; 5 lbs., \$8.50; 25 lbs., \$37.50; 100 lbs., \$145.00.

*All grass seed prices subject to change without notice.*



## FANCY GRASSES

### NEW ZEALAND CHEWINGS FESCUE (*Festuca rubra fallax*)

The leaves of this grass are wire-like and stiff and the plants frequently form tufts if left to grow up. It is used extensively for putting greens, tees and fairways, especially if the soil is sandy and dry. It is also included in lawn mixtures, particularly shady mixtures. Per lb., 75c; 25 lbs., \$14.50; 100 lbs., \$65.00.

### EUROPEAN RED FESCUE (*Festuca rubra*)

Produces turf similar to above when pure seed of good germination is available. Adapted to same soil conditions as New Zealand Chewings Fescue. Per lb., 70c; 25 lbs., \$13.25; 100 lbs., \$60.00.

### FINE LEAVED FESCUE (*Festuca ovina tenuifolia*)

The leaves of this variety are round and stiff but very fine and the color a beautiful dark green as contrasted to the other fescues which are invariably a dull gray-green. It is being used quite a little more this year than in the past and we have found it a very desirable addition to our shady and sandy mixtures. It is also used on putting greens and for broken flag walks. It is quite difficult to get a good catch with the first seeding and often two or three are necessary before satisfactory results are obtained. Per lb., 75c; 25 lbs., \$14.50; 100 lbs., \$65.00.

### SHEEP FESCUE (*Festuca ovina*)

Should only be used for the "rough" on golf courses and for pastures. The leaves are wire-like and stiff and it is inclined to tuft more than the red or fine-leaved fescues. Per lb., 55c; 25 lbs., \$12.50; 100 lbs., \$45.00.

## RYE GRASSES

### DOMESTIC RYE GRASS (*Lolium species*)

A domestic grown combination of Italian and English Perennial Rye Grasses. The leaves are quite broad and we would say that the turf is a biennial. It is used in almost all lawn grass mixtures and any place where a quick, temporary covering is desired. Does not make a good sod. Per lb., 30c; 25 lbs., \$6.25; 100 lbs., \$20.00.

### ITALIAN RYE GRASS (*Lolium Italicum*)

An annual grass used only as a "nurse crop" in turf mixtures and in the South for a winter turf. The leaves are broad and coarse and will produce a good hay crop on good rich soil. Per lb., 35c; 25 lbs., \$7.50; 100 lbs., \$25.00.

### KENTUCKY BLUE GRASS (*Poa pratensis*)

This is, and should be the basic ingredient for lawn and fairway mixtures on fair and good soils. The leaves are narrow and flat with a blunt tip. Bluegrass turf is a deep vivid green and while it becomes somewhat withered during the hot dry weather of summer, it quickly revives with a shower. We cannot recommend the use of this grass too highly. 21 lb. seed: lb., 70c; 25 lbs., \$16.25; 100 lbs., \$60.00. 19 lb. seed: lb., 65c; 25 lbs., \$15.00; 100 lbs., \$55.00.

### CANADA BLUE GRASS (*Poa compressa*)

Used as a substitute for Kentucky Bluegrass very often on poor clay or sandy soils, as it seems to thrive better under these conditions than Kentucky Bluegrass. It will not make as compact a sod, and the color is a dull gray-green. Per lb., 60c; 25 lbs., \$13.75; 100 lbs., \$50.00.



### ROUGH STALK MEADOW GRASS (*Poa trivialis*)

Makes an excellent turf and is used quite extensively in lawn and fairway mixtures, especially under trees or in shaded places. No doubt the best known grass for shade in this section of the country. Per lb., 85c; 25 lbs., \$20.00; 100 lbs., \$80.00.

### WOOD MEADOW GRASS (*Poa nemoralis*)

Not adapted to this climate.

### WHITE CLOVER (*Trifolium repens*)

Special pure seed for lawn use. Pound 55c; 5 lbs., \$2.50; 10 lbs., \$4.50.

Reading, Pa., April 1, 1930

Last year I visited Milford and bought two pound packages of your Milford Green Lawn Grass Mixture. I think it is the best I have ever used.

Please forward at once, parcel post, five pounds of the same mixture, and oblige.

Yours very truly, Elmer E. Moore

All grass seed prices subject to change without notice.

## FERTILIZERS

### TURFMAKER FERTILIZER "It makes turfs!"

Woodruff's TURFMAKER FERTILIZER is not merely a chemical fertilizer. It is the result of series after series of tests to determine a plant food for turf that will not only stimulate growth but one that will carry through with ample plant food for several months. The analysis is 10-6-4. This means that it contains 10% of Nitrogen, 6% of Phosphate and 4% of Potash. Each plays an important part in the development of the grass plants and each ingredient appears in proportion to its necessity for the proper development of plant life. One half of the Nitrogen is derived from chemical sources, namely 2½% from Sulphate of Ammonia, 2½% from Nitrate of Soda and the remaining 5% is derived from an organic source, which in turn affords a base or carrier for the actual plant food.

TURFMAKER is a proven product. Try a bag and be convinced. Prices: 100 lbs., \$6.00; 1000 lbs., \$55.00; 2000 lbs., \$96.00; f.o.b., Milford, Conn.

### SULPHATE OF AMMONIA

A nitrogenous plant stimulant, very quick in action and tending to make the soil acid. Used extensively on lawns and putting greens and is said to discourage weeds. Use sparingly, as it will burn. Use 1 ounce per square yard, or 350 lbs. per acre. Do NOT use more. 100 lb. bag., \$6.00; 1000 lbs., \$50.00; 2000 lbs., \$80.00; all f.o.b., Milford, Conn.

### NITRATE OF SODA

A plant stimulant. Adds nitrogen in a form which is quickly available and is alkaline or sweetening in its reaction on the soil. It is a good stimulating plant food for grasses where the soil is too acid. However, use sparingly as it will burn. Apply at the rate of 1-½ oz. per sq. yard, or 500 lbs. per acre. 100 lbs., \$4.00; 1000 lbs., \$30.00; f.o.b., Milford, Conn.

### LEAD ARSENATE (Powder)

Better than Paris Green and will not burn foliage. Goes twice as far and is the most successful poison for Japanese and Asiatic Beetles. Incorporated in the soil either dry or in solution, it is an ideal preventive for these pests. Is said to retard germination of grass seed, particularly the slower and more permanent varieties. We cannot verify this however, but know it to be effective against earthworms when used in solution, (one pound to 50 gallons of water). Lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$8.00; 100 lbs., \$24.00.

## GOLF COURSE AND GARDEN HOSE

### MILFORD GREEN BRAND

**MILFORD GREEN BRAND** Hose for golf courses, estates, cemeteries and for similar purposes should be a better grade than the ordinary garden hose. Our special golf course hose is made of an unusually pure rubber, is tougher, stronger and lighter than a hose made of the cheaper but heavier compounds.

On each order for 100 feet or more, we will (upon request), place the name or brand of the customer at no extra cost, shipment in such cases being from the factory in Ohio.

Although lighter, this hose is very strong, and will stand high pressures. Its lightness is of advantage when long lengths are used. Offered in any length from 25 to 500 feet, ¾ inch diameter.

Per foot, 22c. Prices includes couplings. Freight allowed on shipments over 100 pounds; otherwise f.o.b., Milford (or Ohio on special orders).



### WOODY BRAND HOSE

**WOODY BRAND HOSE** A high grade garden hose, superior to the cheap wrapped hose obtainable at bargain prices almost anywhere today. This brand is a molded and braided hose with a thick rubber core or tube, which is the secret of the success or failure of any hose.

We will cut this hose to any length desired, couplings being attached without extra charge on lengths of 25 feet or more. There is a charge of 25c for couplings on hose under 25 feet in length. The following prices are f.o.b., Milford, Conn.

¾ inch, 2 ply—18c per ft.

1 inch, 2 ply—35c per ft.

## LAMOTTE SOIL TESTER

It is important for the farmer, landscaper, or home owner alike to know the condition of his soil as regards alkalinity or acidity. Some crops will not thrive in an acid soil, others prefer slight or even great acidity.

The LaMotte Soil Teskit provides a method of determining with accuracy the degree of acidity of the soil, yet the cost of the outfit is very low. The cost per test is trifling, yet the results are scientific.

The set consists of two porcelain plates on which to make the tests (only one is used, the other being extra), a liberal can of liquid for testing, two pads of special paper for cleaning the plates, a special color card for reading the results of tests, and the LaMotte Soil Handbook.

This handbook is one of the most complete and valuable books ever compiled, as it contains a mass of information gathered from the U. S. Department of Agriculture and the many state experiment stations. It contains tables showing the soil preferences of all the grasses, vegetables and flowers.

Furthermore, it tells you just how much lime will be required to correct your soil to any desired "sweetness". This information is given not only for large acreages, but also for small gardens.

It takes two minutes to test a sample of soil accurately at a cost of almost nothing.

The price per Teskit, in a mailing tube which acts as a carrying case for the set, \$2.00 postpaid.



Lamotte Soil Teskit

## JUTE TWINE



A reel of jute twine

Twine is used on farms for a number of purposes, the main one being the bunching of vegetables. It may also be used for tying up vines, and in many other ways. It comes wound on a spool or reel, like barbed wire, but is in the form of a loose rope of from 50 to 100 strands, depending on the ply. The 2 and 3 ply have 100 strands in a rope, the 4 ply, 50 strands. In this way it is possible to cut 50 or 100 strings the same length at one time. Orders will be accepted for full reels only, the average weight being 50 pounds per reel. We carry 2, 3 and 4 ply, but will ship 2 ply unless otherwise specified. The 4 ply is quite heavy, being used for tying bags, etc. Samples will be sent free on request. Prices are strictly cash with order, f.o.b., Milford. Special prices will be made in large quantities. Per pound, 20c.

Prices subject to change without notice.

## HOT BED MATS

These mats are heavy burlap and are designed for the covering of hotbeds as a protection against frost. Prices below are f.o.b., Connecticut, net cash to accompany the order, shipment made either express or freight collect at your option.

Size	Each	½ Dozen	Dozen
40 x 76 inches	\$2.00	\$10.50	\$18.00
76 x 76 inches	3.25	16.50	30.00
76 x 84 inches	3.50	19.50	35.00
<b>Waterproof One Side</b>			
40 x 76 inches	3.25	16.50	30.00
76 x 76 inches	5.00	26.00	48.00
76 x 84 inches	5.50	30.00	55.00

## CROW REPELLANT

This is the genuine Stanley's Crow Repellant, which we have handled for years. Many substitutes are on the market. As a protection against the loss of corn, this has no equal. Crows simply will not touch corn that has been treated with this Crow Repellant. It has the advantage of not clogging a corn planter, nor is it necessary to dry the corn after treatment. We use it ourselves on every kernel of corn we plant, as do many of our customers.

At a cost of 15c to 20c per acre, you can protect your corn against crows, pheasants, squirrels, and other pests; rotting in the ground is prevented; reseeding will not be necessary.

Large can (pint) for two bushels of corn, \$1.50

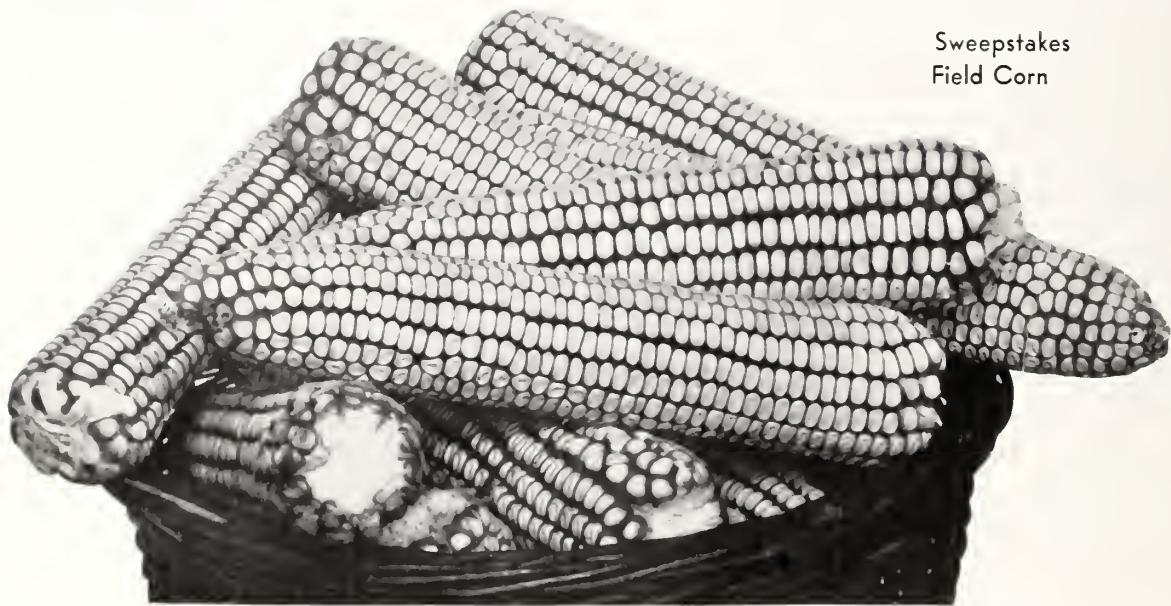
Small can (½ pint) for one bushel of corn, \$1.00.



## FIELD AND ENSILAGE CORN

**Culture** May be planted in hills 4 feet apart each way allowing 3 or 4 plants to remain in a hill. Or may be sowed in drills 4 feet apart, dropping one kernel per foot of drill. Use 14 pounds of seed per acre. For ensilage, sow thickly in drills 3 feet apart, using 56 to 84 pounds per acre. A bushel weighs 56 pounds. Prices below are subject to change with market fluctuations.

Sweepstakes  
Field Corn



**IMPROVED LEAMING** Yellow dent. An early, long eared corn, averaging about 10 inches in length, with 18 to 20 rows of deep yellow kernels. A good corn for silo, and extensively grown for that purpose by stock feeders everywhere. A very productive variety, and the one which continually outsells all other sorts. Matures in 100-110 days. 14 lbs., 75c; 56 lbs., \$2.75.

**SWEEPSTAKES or WESTBRANCH** We offer a very fine strain of this variety, which is the earliest large-eared dent corn. The stalks grow to be 12 to 15 feet high in 90 to 100 days. The foliage is long, broad and heavy, which makes a very heavy tonnage per acre. Unsurpassed for a yellow dent silo corn. 14 lbs., \$1.20; 56 lbs., \$4.00.

**PRIDE OF THE NORTH** An early dent variety grown mainly for ensilage, but also grown for grain. Not as rank in growth as some others, it is nevertheless noted for early production of ears. Known as a "90-day yellow dent". 14 lbs., 75c; 56 lbs., \$2.75.

**RED COB ENSILAGE** An old standard white dent corn with a red cob. A very good variety for ensilage, producing a heavy crop of fodder. Late in maturity, requiring about 110 days. The joints are short, which means an abundance of leaves. 14 lbs., 90c; 56 lbs., \$3.00.

**EARLY EIGHT ROW CANADA** Matures in about 85 days, which makes it desirable in states where the season is short. Ears are medium length and with 8 rows. Stalks grow 7 to 8 feet high. A very popular yellow flint corn. 14 lbs., \$1.00; 56 lbs., \$3.50.

**EUREKA** When buying Eureka, be sure you get the true seed and not just a common southern type

of white dent. Eureka has a large, wide, white kernel which is short. Will not mature in the northern states, but will produce as high as 70 tons per acre of very high grade ensilage. The stalks are very high, reaching 16 feet or more. The leaf growth begins close to the ground. We suggest using 28 to 42 pounds ( $\frac{1}{2}$  to  $\frac{3}{4}$  bu.) per acre in drills 3 feet apart, cultivating as long as possible. Our stock is grown for us in Virginia, where the best Eureka comes from. 14 lbs., \$1.00; 56 lbs., \$3.50.

**LUCE'S FAVORITE** A late, semi-dent corn with ears 10 to 14 inches long, 8 to 10 rowed. This variety is a better yielder of ensilage than the flint varieties. 14 lbs., 75c; 56 lbs., \$2.75.

**REID'S YELLOW DENT** A popular yellow dent corn, maturing in about 110 days. Ears run from 9 to 11 inches long, with a very small cob. 14 lbs., 75c; 56 lbs., \$2.75.

**LONGFELLOW** For many years a favorite yellow flint variety in Southern New England. The ears reach a length of 12 to 14 inches, and have eight rows. The stalks are taller than Canada and occasionally bear two ears. 14 lbs., 90c; 56 lbs., \$3.

**SANFORD WHITE FLINT** An eight-rowed white flint variety, used to a considerable extent in Southern New England. Resembles Early Canada in all except color. 14 lbs., 90c; 56 lbs., \$3.00.

**SWEET FODDER** This is sugar corn of the taller growing varieties which has not sufficient quality to rank as good sweet corn seed for our critical trade. Per 50 lbs., (bushel), \$2.50.

# CLOVER — ALFALFA



## CLOVERS

Clovers build up the soil and their use is essential to the rotation of crops and the fertility of soil. Clovers also furnish good forage and hay crops. The clovers listed below are northern grown, no imported clover being among them. These prices, like all farm seed prices, are subject to change with market fluctuations.

**MEDIUM RED** (*Trifolium pratense*) More widely known and used than other varieties, being used principally for hay. Can be sown in either spring or fall, requiring 8 to 12 pounds per acre. In a mixture use 5 to 6 pounds per acre. Can generally be cut twice each season. It grows from 1½ to 2½ feet in height. A bushel weighs 60 pounds. Per pound, 38c; 100 lbs., \$36.00.

**MAMMOTH RED** (*Trifolium pratense perenne*) Similar to Medium Red, but of ranker growth and later flowering. Sow the same as Medium Red. A bushel weighs 60 pounds. Per pound, 38c; 100 lbs., \$36.00.

**ALSIKE** (*Trifolium hybridum*) One of the best for mixing with timothy. It is very hardy and thrives in almost any climate. Sow early in the spring or in late summer or early fall, 6 to 10 pounds per acre. The flower resembles white clover, but is larger and has a tinge of red. A bushel weighs 60 pounds. Per pound, 38c; 100 lbs., \$36.00.

**WHITE or WHITE DUTCH** (*Trifolium repens*) Valuable for pasturage as well as for lawns, as it thrives almost anywhere and owing to its creeping habits it succeeds

where others die out. Can be sown at any season. If using alone, sow 8 to 10 pounds per acre. If in a mixture, 5 pounds. A bushel weighs 60 pounds. Per lb., 40c; per 100 lbs., \$38.00.

**SWEET CLOVER — WHITE BLOSSOM** (*Melilotus alba*) May be seeded in the spring, summer or fall. The cheapest soil renovator, hay or pasture crop. Grows very rank. If permanent pasture is wanted, seed two years and always allow last crop to reseed itself. Fine pasturage when young. Bushel weighs 60 pounds, sow 30 pounds per acre. Per pound, 18c; 100 lbs., \$16.00.

**SWEET CLOVER, YELLOW BLOSSOM** (*Melilotus officinalis*) Very similar to the white blossom variety, but not as valuable except for hay or pasture, as it does not benefit the soil as greatly. Better for pasture than the white blossom kind, and grows less rank. Sow the same as white blossom variety. Per pound, 18c; 100 lbs., \$16.00.

## ALFALFA

Once tried, alfalfa is found to be a profitable crop. Must be cut twice the first season to destroy weeds. Furnishes two or more crops each year when established. Alfalfa does not thrive on sour or acid soil. Therefore, be sure to test your soil. Sow at the rate of 15 to 20 pounds per acre, either from April 1 to June 15, or from July 15 to September 15. A bushel weighs 60 pounds.

**GRIMM** We offer only hardy, pure northwestern grown Grimm Alfalfa. It is superior to other varieties by reason of its hardiness, withstanding all sorts of climatic conditions in northern latitudes. Per pound, 56c; 100 lbs., \$54.00

# FARM SEEDS

CONTINUED

## TIMOTHY (*Phleum pratense*)

Very valuable for hay. The quality of the hay makes it a favorite. Its best years are the first and second. Sow in the spring or late summer and early fall, 10 to 12 pounds per acre alone, or sow 8 pounds per acre with 5 to 6 pounds of clover. A bushel weighs 45 pounds.

**PINE TREE BRAND** The well-known brand of high purity. Purity 99½% or better. It is well worth the small extra cost. Per lb., 15c; 100 lbs., \$14.

**BISON BRAND** Shows a purity test of 98% or better. Per lb., 14c; 100 lbs., \$13.00.

## RED TOP (*Agrostis vulgaris*)

Will not do well on sandy soils, but thrives on moist soils. Sow in either spring or fall, 8 to 12 pounds per acre. As the seed is very small (about 3 million per pound) only about 2 pounds per acre should be used in mixtures. A bushel weighs 24 pounds.

**FANCY RECLEANED** Per pound, 30c; per 100 lbs., \$28.00.

**UNHULLED** Purity about 40%, 14 pounds per bushel. Per pound, 20c; 100 lbs., \$18.00.

## FESCUES

These have definite values on poor and sandy soils, where they thrive where other grasses will not grow. Meadow Fescue is very valuable for permanent pastures, reaching its full productive power the second or third year. Sheep's Fescue is especially good on sandy rocky soil.

**MEADOW FESCUE** (*Festuca elatior*) 24 pounds per bushel. Sow one bushel per acre alone, or ¼ bushel if in a mixture. Per pound, 20c; 100 lbs., \$18.00.

**SHEEP'S FESCUE** (*F. ovina*) 24 pounds per bushel. Sow 1½ to 2 bushels per acre. Per lb., 55c; 100 lbs., \$45.00.

**CHEWINGS' NEW ZEALAND FESCUE** (*F. rubra*) 24 pounds per bushel. Sow 40 pounds per acre. Per pound, 75c; 100 lbs., \$65.00.

## RYE GRASSES

These are inclined to be annuals, but have some value for yielding a quick crop of hay. Sow 24 to 36 pounds per acre. A bushel weighs 24 pounds.

**ITALIAN RYE GRASS** (*Lolium italicum*) Annual. Per pound, 35c; 100 lbs., \$25.00.

**DOMESTIC RYE GRASS** (*Lolium spp.*) A mixture of annual and perennial rye grass, grown in this country. Per pound, 30c; 100 lbs., \$20.00.

## ORCHARD GRASS (*Dactylis glomerata*)

If cut when in bloom it makes very fine hay. Ripens three weeks before timothy. A bushel weighs 14 pounds. Sow 20 to 25 pounds per acre alone, or 15 to 20 pounds Orchard Grass with 5 or 6 pounds of Red Clover. Per pound, 28c; 100 lbs., \$26.00.

## BLUE GRASSES

**KENTUCKY BLUE GRASS** is a well known pasture grass, though it is better known in the East as a lawn grass. **Canada Blue Grass** is better suited to high dry situations and rocky soil, but no turf. Will afford some forage where better grasses cannot be grown, as on impoverished soil. Sow 30 pounds per acre.

**KENTUCKY BLUE GRASS** (*Poa pratensis*) 19 lb. seed; per pound 65c; 100 lbs., \$55.00.

**CANADA BLUE GRASS** (*P. compressa*) Per pound 60c; 100 lbs., \$50.00.

## MILLETS

These are particularly adapted to regions of light rainfall and hot weather. They are used principally for forage, but as hay their feeding value is high.

**HUNGARIAN** (*Hungarian grass*) The hay is very valuable for nourishment and milk producing qualities. A good sort for moist soils. A bushel weighs 48 lbs., enough for an acre. Per pound, 6½c; 100 lbs., \$6.00.

**GERMAN OR GOLDEN** Grows very rank and is fine for hay or fodder, as on rich soil it will make a growth of 4 to 5 feet. Very tender hay if cut when in blossom. A bushel weighs 50 pounds, enough for an acre. Per pound, 6c; 100 lbs., \$5.50.

**JAPANESE** (*Panicum frumentaceum*) Will often grow to be 6 or 8 feet high, producing 15 to 20 tons per acre. A bushel weighs 36 pounds. Sow broadcast 20 to 25 pounds per acre; or, better, sow 12 pounds per acre in drills 10 to 15 inches apart. Per pound, 7c; 100 lbs., \$6.50.

## CEREALS

**SPRING WHEAT** While generally not as heavy yielding as Winter Wheat, it is nevertheless used extensively. Per bushel of 60 lbs., \$4.80.

**WINTER WHEAT** The yield per acre averages well above that for Spring Wheat. Sow in the early fall, to allow a good start before winter sets in. Per bushel of 60 lbs., \$3.50.

**SPRING RYE** Does not grow as tall as Winter Rye, and hence not as valuable if the straw is wanted. Often used for plowing under to improve the soil. Sow 1 bushel per acre. Per bushel of 56 lbs., \$3.50.

**WINTER RYE** This is by far the most used rye, and in the latitude of Boston may be sown well into October without danger of loss. Sow at the rate of 1½ bushels per acre. Per bushel of 56 lbs., \$2.25.

**JAPANESE BUCKWHEAT** This variety has the quality of remaining in bloom longer and maturing its seeds earlier than other sorts. Can be grown farther north, resists drought. Sow 1½ bushels per acre. Per bushel of 48 lbs., \$2.75.

**BARLEY (6-Rowed)** Largely grown for its forage value. The straw is strong and stiff. Sow for grain 2 bushels per acre; for forage, 3 bushels. Per bushel of 48 lbs., \$2.15.

**OATS** We are supplying high quality seed oats. Sow 3 bushels per acre. Per bushel of 32 pounds, \$1.20.

**RAPE (Dwarf Essex)** Best adapted to moist soils. Makes excellent pasture if sown early and followed with successive sowings. If broadcasting, use 5 pounds per acre; if in drills, use 1 to 2 pounds per acre. Per pound, 12c; 100 lbs., \$11.00.

**VETCH (Hairy or Winter)** May be sown as well in spring as fall. Used as a cover crop, and produces excellent hay. May be fed green. Sow 50 to 60 pounds per acre. Per pound, 20c.

**CANADA FIELD PEAS** Generally sown with oats, 1½ bushels each per acre. A bushel weighs 60 pounds. Per bushel, \$3.60.

**SOY BEANS (Wilson)** A legume valuable for forage and ensilage. It thrives on relatively poor soil. Sow ½ to ¾ bushel per acre in drills 2½ feet apart. Per bushel of 60 lbs., \$4.50.

**SUNFLOWER, (Mammoth Russian)** A profitable crop for farmers and poultrymen. Three pounds per acre. Per pound, 15c.

## BIRD SEED

	Lb.	100 lbs.
Canary .... .... .	10c	\$ 9.00
Hemp .... .... .	9c	8.00
Rape (Dwf. Essex)....	12c	11.00
Millet .... .... .	6c	5.00
Lettuce .... .... .	25c	20.00
Sunflower .... .... .	15c	13.00

The above for feeding only

A RECENTLY CONSTRUCTED  
WAREHOUSE, DOUGLAS, WYOMING.



OUR MAIN WAREHOUSE  
MILFORD, CONN.

ONE OF OUR 18 WAREHOUSES  
MAINTAINED IN DIFFERENT  
STATES



ONE OF OUR CALIFORNIA SEED CLEANING PLANTS

## OUR ORGANIZATION IS COMPLETE

These photographs show only a few of the warehouses we maintain in various parts of the country. We actually grow a larger percentage of the seeds we sell than any other retail seed house.





*Full Measure  
Round Podded  
Green Beans*

*Bountiful  
Green Podded  
Beans*



**WOODRUFF'S**  
Selected Stringless Beans